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ESTIMATES OF APPROPRIATIONS

— FOR THE —

DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE FOR THE
FISCAL YEAR ENDING JUNE 30

1915

PREPARED FOR THE USE OF THE COMMITTEE

NOTE.—Matter or items which appeared in the last appropriation act, and proposed to be omitted from these estimates, inclosed in heavy brackets, thus **[]**.
New or substituted matter printed in italics.

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UNITED STATES DEPARTMENT OF AGRICULTURE.

COMPARISON OF ESTIMATES OF APPROPRIATIONS FOR 1915 WITH APPROPRIATIONS MADE FOR 1914.

Titles of appropriations.	Total of appropriations for 1914.	Total of estimates for 1915.	Increase.	Decrease.
OFFICE OF THE SECRETARY.				
Statutory salaries.....	\$303, 820.00	\$332, 380.00	\$28, 560.00	
A net increase of \$28,560.				
WEATHER BUREAU.				
Statutory salaries.....	325, 860.00	328, 270.00	2, 410.00	
Miscellaneous expenses.....	25, 000.00	25, 000.00		
General expenses.....	1, 356, 750.00	1, 317, 000.00		\$39, 750.00
A net decrease of \$37,340.	1, 707, 610.00	1, 670, 270.00		
BUREAU OF ANIMAL INDUSTRY.				
Statutory salaries.....	359, 250.00	352, 410.00		6, 840.00
General expenses.....	1, 371, 946.00	1, 727, 996.00	356, 050.00	
Animal feeding and breeding.....	100, 000.00			100, 000.00
Meat inspection.....	200, 000.00	300, 000.00	100, 000.00	
A net increase of \$349,210.	2, 031, 196.00	2, 380, 406.00		
BUREAU OF PLANT INDUSTRY.				
Statutory salaries.....	427, 690.00	476, 520.00	48, 830.00	
General expenses.....	1, 944, 305.00	2, 237, 135.00	292, 830.00	
Purchase and distribution of seeds.....	296, 000.00			296, 000.00
A net increase of \$45,660.	2, 667, 995.00	2, 713, 655.00		
FOREST SERVICE.				
Statutory salaries.....	2, 239, 560.00	2, 305, 160.00	65, 600.00	
General expenses.....	3, 160, 119.00	3, 238, 096.00	77, 977.00	
A net increase of \$143,577.	5, 399, 679.00	5, 543, 256.00		
BUREAU OF CHEMISTRY.				
Statutory salaries.....	273, 860.00	281, 500.00	7, 640.00	
General expenses.....	109, 280.00	180, 680.00	71, 400.00	
Food and drugs act.....	675, 000.00	654, 301.00		20, 699.00
A net increase of \$58,341.	1, 058, 140.00	1, 116, 481.00		
BUREAU OF SOILS.				
Statutory salaries.....	53, 620.00	59, 420.00	5, 800.00	
General expenses.....	280, 400.00	299, 020.00	18, 620.00	
A net increase of \$24,420.	334, 020.00	358, 440.00		
BUREAU OF ENTOMOLOGY.				
Statutory salaries.....	60, 960.00	68, 150.00	7, 190.00	
General expenses.....	381, 250.00	447, 970.00	66, 720.00	
Preventing spread of moths.....	300, 000.00	297, 540.00		2, 460.00
A net increase of \$71,450.	742, 210.00	813, 660.00		
BUREAU OF BIOLOGICAL SURVEY.				
Statutory salaries.....	29, 990.00	31, 590.00	1, 600.00	
General expenses.....	141, 000.00	233, 500.00	92, 500.00	
A net increase of \$94,100.	170, 990.00	265, 090.00		

Comparison of estimates of appropriations for 1915 with appropriations made for 1914—Continued.

Titles of appropriations.	Total of appropriations for 1914.	Total of estimates for 1915.	Increase.	Decrease.
DIVISION OF ACCOUNTS AND DISBURSEMENTS.				
Statutory salaries.....	\$104,370.00	\$59,920.00	-----	\$44,450.00
A net decrease of \$44,450.				
DIVISION OF PUBLICATIONS.				
Statutory salaries.....	166,410.00	171,090.00	\$4,680.00	-----
General expenses.....	18,250.00	18,750.00	500.00	-----
A net increase of \$5,180.	184,660.00	189,840.00		
BUREAU OF STATISTICS.				
Statutory salaries.....	115,380.00	114,180.00	-----	1,200.00
General expenses.....	128,300.00	186,500.00	58,200.00	-----
A net increase of \$57,000.	243,680.00	300,680.00		
LIBRARY.				
Statutory salaries.....	27,020.00	27,860.00	840.00	-----
General expenses.....	16,500.00	17,500.00	1,000.00	-----
A net increase of \$1,840.	43,520.00	45,360.00		
Miscellaneous expenses, Department of Agriculture.....	106,066.00	110,000.00	3,934.00	-----
Rent in the District of Columbia.....	98,329.00	115,829.00	17,500.00	-----
OFFICE OF EXPERIMENT STATIONS.				
Statutory salaries.....	66,160.00	68,840.00	2,680.00	-----
General expenses.....	1,613,560.00	1,615,255.00	1,755.00	-----
Nutrition investigations.....	16,000.00	25,760.00	9,760.00	-----
Irrigation investigations.....	108,000.00	106,400.00	-----	1,600.00
Drainage investigations.....	97,600.00	96,280.00	-----	1,320.00
A net increase of \$11,275.	1,901,260.00	1,912,535.00		
OFFICE OF PUBLIC ROADS.				
Statutory salaries.....	47,400.00	53,000.00	5,600.00	-----
General expenses.....	232,000.00	341,390.00	109,390.00	-----
A net increase of \$114,990.	279,400.00	394,390.00		
MISCELLANEOUS.				
Enforcement of the insecticide act.....	95,000.00	95,000.00	-----	-----
Fighting forest fires.....	200,000.00	200,000.00	-----	-----
Chestnut tree bark disease.....	80,000.00	-----	-----	80,000.00
Enforcement of the plant quarantine act.....	40,000.00	50,000.00	10,000.00	-----
Exchange of lands with State of Montana.....	25,000.00	-----	-----	25,000.00
Office of markets.....	50,000.00	194,140.00	144,140.00	-----
International Dry Land Congress, Tulsa, Okla.....	20,000.00	-----	-----	20,000.00
Cooperative fire protection.....	75,000.00	100,000.00	25,000.00	-----
Commission to investigate rural credits.....	25,000.00	-----	-----	25,000.00
Demonstrations on reclamation projects.....	-----	50,000.00	50,000.00	-----
Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts of the United States.....	-----	50,000.00	50,000.00	-----
	610,000.00	739,140.00		
Total agricultural bill.....	17,986,945.00	19,061,332.00	1,738,706.00	664,319.00
Net increase in agricultural bill, \$1,074,387; about 6 per cent.				
Permanent annual appropriations.....	5,972,879.37	5,999,200.00	26,320.63	-----
Grand total of agricultural bill and permanent annual appropriations.....	23,959,824.37	25,060,532.00	1,765,026.63	664,319.00
Net increase, \$1,125,707.63.				
Printing and binding (sundry civil bill).....	490,000.00	515,000.00	25,000.00	-----
Grand total of all appropriations for the Department of Agriculture.....	24,449,824.37	25,575,532.00	1,790,026.63	664,319.00
Net increase, \$1,125,707.63; about 4.6 per cent.				

ESTIMATES OF APPROPRIATIONS REQUIRED FOR THE SERVICE OF THE FISCAL YEAR ENDING JUNE 30, 1915.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
DEPARTMENT OF AGRICULTURE.		
<p>NOTE.—In the following estimates for the Department of Agriculture new matter has been indicated by means of <i>italics</i>, and matter to be dropped has been inclosed in brackets.</p>		
OFFICE OF THE SECRETARY.		
<i>Salaries, Office of the Secretary of Agriculture—</i>		
Secretary of Agriculture (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1913, vol. 37, pp. 828, 829, sec. 1</i>)	\$12, 000. 00	
Assistant Secretary of Agriculture (increase of \$1,000 submitted) (<i>same acts</i>).....	6, 000. 00	
Solicitor (<i>same acts</i>).....	5, 000. 00	
Chief clerk. \$3,000, and \$500 additional as custodian of buildings (<i>same acts</i>).....	3, 500. 00	
Chief, office of information (<i>submitted</i>).....	2, 500. 00	
<p>NOTE.—The duties of this position will include the assembling of information regarding agriculture, which has been accumulated in the department, and the getting of this information out to the farmers through the various means at the disposal of the department, also the rendering of assistance to the various scientific investigators of the department in the preparation of the results of their investigations in order that the same may be couched in language which will be understood by the average reader.</p>		
Private secretary to the Secretary of Agriculture (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1913, vol. 37, pp. 828, 829, sec. 1</i>)	2, 500. 00	
Stenographer and executive clerk to the Secretary of Agriculture (<i>same acts</i>).....	2, 250. 00	
<p>NOTE.—Private secretary to the Assistant Secretary of Agriculture, \$1,600, changed to 1 clerk, class 3, and stenographer to the Assistant Secretary of Agriculture, \$1,400, changed to 1 clerk, class 2, as below.</p>		
One appointment clerk (<i>same acts</i>)	2, 000. 00	
One chief, supply division (<i>same acts</i>).....	2, 000. 00	
One inspector (<i>same acts</i>).....	2, 750. 00	
One law clerk (increase of \$250 submitted) (<i>same acts</i>).....	3, 250. 00	
Two law clerks, at \$2,500 each (<i>same acts</i>).....	5, 000. 00	
Seven law clerks, at \$2,250 each (increase of 1 submitted) (<i>same acts</i>).....	15, 750. 00	
One law clerk (<i>same acts</i>).....	2, 200. 00	
Eight law clerks, at \$2,000 each (<i>same acts</i>).....	16, 000. 00	
Four law clerks, at \$1,800 each (<i>same acts</i>).....	7, 200. 00	
Two law clerks, at \$1,600 each (decrease of 1) (<i>same acts</i>)	3, 200. 00	
One expert on exhibits (change of title from special agent on exhibits) (<i>same acts</i>).....	3, 000. 00	
One telegraph and telephone operator (<i>same acts</i>).....	1, 600. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
Four clerks, class 4 (increase of 1 by transfer from the Division of Accounts) (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1913, vol. 37, pp. 828, 829, sec. 1</i>).....	\$7,200.00	
Eight clerks, class 3 (increase of 2, 1 in lieu of private secretary to the Assistant Secretary of Agriculture, \$1,600, and 1 by transfer from administrative lump fund of the Bureau of Plant Industry) (<i>same acts</i>).....	12,800.00	
Twelve clerks, class 2 (increase of 3, 1 in lieu of stenographer to the Assistant Secretary of Agriculture, as above, and 2 by transfer from the Division of Accounts, including change of title of one of them from custodian of records and files) (<i>same acts</i>).....	16,800.00	
Twenty-one clerks, class 1 (increase of 3, 1 by transfer from lump fund of the Secretary's office, 1 by transfer from the statutory roll of the Bureau of Animal Industry, and 1 new place) (<i>same acts</i>).....	25,200.00	
One accountant and bookkeeper (by transfer from the Division of Accounts) (<i>same acts</i>).....	2,000.00	
Eight clerks, at \$1,000 each (<i>same acts</i>).....	8,000.00	
Eight clerks, at \$900 each (increase of 2, 1 by transfer from the administrative lump fund of the Bureau of Animal Industry and 1 from the statutory roll of the Bureau of Chemistry) (<i>same acts</i>).....	7,200.00	
One clerk (<i>same acts</i>).....	840.00	
Fifteen messengers or laborers, at \$840 each (increase of 1 by transfer from lump fund of Secretary's office) (<i>same acts</i>).....	12,600.00	
Eleven assistant messengers or laborers, at \$720 each (increase of 1 by transfer of 1 skilled laborer, at \$720, with change of title, from the lump fund of the Office of Experiment Stations for Drainage Investigations) (<i>same acts</i>).....	7,920.00	
One chief engineer (<i>same acts</i>).....	2,000.00	
One assistant chief engineer (<i>same acts</i>).....	1,400.00	
One assistant engineer (<i>same acts</i>).....	1,200.00	
Two assistant engineers, at \$1,000 each (<i>same acts</i>).....	2,000.00	
Eight firemen, at \$720 each (increase of 1 by transfer from statutory roll of Weather Bureau) (<i>same acts</i>).....	5,760.00	
Eight elevator conductors, at \$720 each (<i>same acts</i>).....	5,760.00	
One construction inspector (<i>same acts</i>).....	1,400.00	
One cabinet-shop foreman (in lieu of 1 cabinetmaker or carpenter, at \$1,200) (<i>same acts</i>)....	1,200.00	
Four cabinetmakers or carpenters, at \$1,200 each (decrease of 1 as above) (<i>same acts</i>).....	4,800.00	
Two cabinetmakers or carpenters, at \$1,100 each (<i>same acts</i>).....	2,200.00	
Eight cabinetmakers or carpenters, at \$1,020 each (<i>same acts</i>).....	8,160.00	
Two cabinetmakers or carpenters, at \$900 each (<i>same acts</i>).....	1,800.00	
One electrician (<i>same acts</i>).....	1,100.00	
One electrical wireman (<i>same acts</i>).....	1,000.00	
One electrical wireman (<i>same acts</i>).....	900.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>			
Two electrician's helpers, at \$720 each (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1913, vol. 37, pp. 828, 829, sec. 1</i>)..	\$1,440. 00		
Two painters, at \$1,000 each (<i>same acts</i>).....	2,000. 00		
Two painters, at \$900 each (<i>same acts</i>).....	1,800. 00		
Five plumbers or steam fitters, at \$1,020 each (<i>same acts</i>).....	5,100. 00		
One plumber's helper (<i>same acts</i>).....	840. 00		
Two plumber's helpers, at \$720 each (<i>same acts</i>).....	1,440. 00		
One blacksmith (<i>same acts</i>).....	900. 00		
One lieutenant of the watch (<i>same acts</i>).....	1,000. 00		
Two lieutenants of the watch, at \$960 each (<i>submitted</i>).....	1,920. 00		
NOTE.—Under a recent reorganization of the watch force it was necessary to detail two watchmen as lieutenants, but they were given no increase in salary. This item will provide for these men.			
Thirty-eight watchmen, at \$720 each (increase of 4 submitted) (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Mar. 4, 1913, vol. 37, pp. 828, 829, sec. 1</i>).....	27,360. 00		
NOTE.—During the past few years the department's growth has necessitated the occupancy of several additional buildings, but no increase has been made in the watch force to carefully guard these buildings. It is estimated that at least 38 watchmen will be needed to properly safeguard the interests of the department. At the present time it is necessary to carry several temporary watchmen almost continuously.			
Five mechanics, at \$1,200 each (<i>same acts</i>).....	6,000. 00		
Two skilled laborers, at \$960 each (<i>same acts</i>).....	1,920. 00		
One janitor (<i>same acts</i>).....	900. 00		
Twenty-one assistant messengers, messenger boys, or laborers, at \$600 each (increase of 3 by transfer, 2 from the lump-fund roll of the Secretary's Office, and 1 with change of title from elevator conductor at the same salary from the lump fund of the Office of Experiment Stations for Drainage Investigations) (<i>same acts</i>).....	12,600. 00		
Nineteen laborers, messenger boys, or charwomen, at \$480 each (decrease of 2 by change to charwomen, as below) (<i>same acts</i>).....	9,120. 00		
One charwoman (<i>same acts</i>).....	540. 00		
Two charwomen, at \$480 each (in lieu of 2 laborers, messenger boys, or charwomen, at \$480, as above) (<i>same acts</i>).....	960. 00		
Fifteen charwomen, at \$240 each (increase of 7) (<i>same acts</i>).....	3,600. 00		
NOTE.—These changes involve an increase of \$1,680. It is contemplated to eliminate charwomen in excess of \$240 per annum, with but three exceptions, as it is apparent that male laborers can be secured at \$480 and kept at work constantly throughout the day, whereas there is little if any work for full-day charwomen to perform after 10 o'clock in the morning. These changes also contemplate the addition of 3 messenger boys for the office of Solicitor, at \$480 each, and 1 additional charwoman, at \$240.			
For extra labor and emergency employments (<i>same acts</i>).....	14,000. 00		
	\$332,380. 00	\$303,820. 00	
Appropriations for 1905.....	\$78,800	Estimates for 1906.....	\$87,860
Appropriations for 1906.....	110,320	Estimates for 1907.....	117,720
Appropriations for 1907.....	113,200	Estimates for 1908.....	115,500
Deficiency act.....	1,300	Estimates for 1909.....	134,220
Appropriations for 1908.....	119,200	Estimates for 1910.....	162,300
Appropriations for 1909.....	132,900	Estimates for 1911.....	198,770
Appropriations for 1910.....	174,570	Estimates for 1912.....	276,650
Appropriations for 1911.....	229,870	Estimates for 1913.....	287,300
Appropriations for 1912.....	276,450	Estimates for 1914.....	305,570
Appropriations for 1913.....	292,280	Estimates for 1915.....	332,380
Appropriations for 1914.....	303,820		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
NOTE 1.—Apparent increase, \$28,560; actual increase, \$12,080, as follows:		
PROMOTIONS.		
Assistant Secretary of Agriculture, from \$5,000 to \$6,000.....	\$1,000	
1 law clerk, from \$3,000 to \$3,250.....	250	
	\$1,250	
NEW PLACES.		
1 chief, office of information.....	2,500	
1 law clerk.....	2,250	
1 clerk, class 1.....	1,200	
2 lieutenants of the watch, at \$960 each.....	1,920	
4 watchmen, at \$720 each.....	2,880	
7 charwomen, at \$240 each.....	1,680	
	12,430	
	13,680	
PLACES DROPPED.		
1 law clerk.....	1,600	
Actual increase.....	12,080	
TRANSFERS FROM OTHER BUREAUS AND DIVISIONS, THE APPROPRIATIONS HAVING BEEN REDUCED ACCORDINGLY.		
1 clerk, class 3, from administrative lump fund, Bureau of Plant Industry.....	\$1,600	
1 clerk, class 2, from Division of Accounts.....	1,400	
1 clerk, class 1, from statutory roll of the Bureau of Animal Industry.....	1,200	
1 accountant and bookkeeper, from Division of Accounts.....	2,000	
1 clerk, class 4, from Division of Accounts.....	1,800	
1 clerk, from administrative lump fund, Bureau of Animal Industry.....	900	
1 clerk, from statutory roll of Bureau of Chemistry.....	900	
1 fireman, from statutory roll of Weather Bureau.....	720	
1 custodian of records and files, \$1,400, from Division of Accounts.....	1,400	
1 skilled laborer, from drainage lump fund, Office of Experiment Stations.....	720	
1 elevator conductor, from drainage lump fund, Office of Experiment Stations.....	600	
	13,240	
TRANSFERS FROM LUMP FUND OF SECRETARY'S OFFICE, WHICH APPROPRIATION HAS NOT BEEN REDUCED.		
1 clerk, class 1.....	1,200	
2 assistant messengers, messenger boys, or laborers, at \$600 each.....	1,200	
1 messenger or laborer.....	840	
	3,240	
Apparent increase.....	28,560	
CHANGE OF TITLE.		
1 private secretary to the Assistant Secretary of Agriculture, \$1,600, to 1 clerk, class 3.		
1 stenographer to the Assistant Secretary of Agriculture, \$1,400, to 1 clerk, class 2.		
1 special agent on exhibits, \$3,000, to 1 expert on exhibits, \$3,000.		
2 laborers, messenger boys, or charwomen, at \$480 each, to 2 charwomen, at \$480 each.		
NOTE 2.—Salaries of mechanics, laborers, and other emergency employees carried on the lump fund named below on August 31, 1913:		
SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE.		
EXTRA LABOR.		
In Washington:		
1 clerk, at \$1,200 (6 months).....	\$600	
1 clerk, at \$900 (6 months).....	450	
1 clerk.....	720	
1 typewriter.....	720	
1 electrical wireman.....	900	
1 cabinetmaker.....	900	
1 skilled laborer.....	840	
1 skilled laborer.....	720	
2 skilled laborers, at \$600 each.....	1,200	
1 tinner's helper.....	720	
1 painter.....	840	
2 painters, at \$3.50 per diem each (when actually employed).....	210	
1 messenger.....	600	
1 messenger boy.....	480	
1 elevator conductor.....	600	
1 watchman.....	720	
15 watchmen, at \$2 per diem each (when actually employed).....	1,080	
1 steam fitter, at \$4.50 per diem (when actually employed).....	135	
1 mechanical draftsman, at \$4 per diem (when actually employed).....	120	
1 plumber, at \$4.50 per diem (when actually employed).....	135	
1 plumber's helper.....	720	
1 plumber's helper, at \$2 per diem (when actually employed).....	60	
4 unskilled laborers, at \$1.50 per diem each (when actually employed).....	180	
2 charwomen, at 75 cents per diem each (when actually employed).....	45	
Total.....	13,695	
Total salaries, Office of the Secretary of Agriculture (increase of \$28,560).....	\$332,380.00	\$303,820.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
WEATHER BUREAU.		
<i>Salaries, Weather Bureau—</i>		
One chief of bureau (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 4, 1913, vol. 37, p. 829, sec. 1</i>)	\$6,000.00	
NOTE.—One Assistant Chief of Weather Bureau, at \$3,250, is omitted.		
One chief clerk and executive assistant (<i>same acts</i>)	3,000.00	
One chief of Division of Stations and Accounts (by transfer and change of title from assistant chief of Division of Accounts, at \$2,750) (<i>same acts</i>)	2,750.00	
One chief of printing division (<i>same acts</i>)	2,500.00	
Three chiefs of division, at \$2,000 each (<i>same acts</i>)	6,000.00	
Eight clerks, class 4 (increase of 1 submitted) (<i>same acts</i>)	14,400.00	
Eleven clerks, class 3 (increase of 2 submitted) (<i>same acts</i>)	17,600.00	
Twenty-three clerks, class 2 (increase of 2 submitted) (<i>same acts</i>)	32,200.00	
NOTE.—An increase of 1 clerk of class 4, 2 clerks of class 3, and 2 clerks of class 2 are submitted as above in order that the Weather Bureau may obtain the number of higher grade clerks that the importance of the work performed at the central office at Washington requires. They will add to the efficiency of the personnel, and these changes involve an actual increase of only 1 in the total number of clerks for the bureau, as elsewhere recommendations are made for the omission of 4 copyists or typewriters, at \$900 each.		
Thirty clerks, class 1 (<i>same acts</i>)	36,000.00	
Twenty-two clerks, at \$1,000 each (<i>same acts</i>)	22,000.00	
Ten clerks, at \$900 each (increase of 1 in lieu of 1 copyist or typewriter at same salary) (<i>same acts</i>)	9,000.00	
NOTE.—Five copyists or typewriters, at \$900 each, are omitted. It has been found impossible to secure suitable employees at this salary. Four of these places are dropped. The other place is transferred to clerk, at \$900, as above.		
One telegraph operator (<i>same acts</i>)	1,200.00	
One assistant foreman of division (decrease of 1 as below) (<i>same acts</i>)	1,600.00	
One chief compositor (in lieu of 1 assistant foreman of division, at \$1,600, with decrease of \$200, as above) (<i>same acts</i>)	1,400.00	
One lithographer (<i>same acts</i>)	1,500.00	
Two lithographers, at \$1,200 each (decrease of 1, as above) (<i>same acts</i>)	2,400.00	
One pressman (in lieu of 1 lithographer at same salary as above) (<i>same acts</i>)	1,200.00	
Five compositors, at \$1,250 each (decrease of 1) (<i>same acts</i>)	6,250.00	
Fourteen printers, at \$1,200 each (<i>same acts</i>)	16,800.00	
Eleven printers, at \$1,000 each (<i>same acts</i>)	11,000.00	
Four folders and feeders, at \$720 each (<i>same acts</i>)	2,880.00	
One chief instrument maker (in lieu of 1 chief mechanic at \$1,400) (<i>same acts</i>)	1,400.00	
Three instrument makers, at \$1,200 each (in lieu of 3 skilled mechanics at \$1,200) (<i>same acts</i>)	3,600.00	
Two skilled mechanics, at \$1,200 each (decrease of 3 as above) (<i>same acts</i>)	2,400.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	
<i>Salaries, Weather Bureau—Continued.</i>			
Seven skilled mechanics, at \$1,000 each (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; Mar. 4, 1913, vol. 37, p. 829, sec. 1</i>).....	\$7,000.00		
One skilled mechanic (<i>same acts</i>).....	840.00		
One skilled mechanic (<i>same acts</i>).....	720.00		
Six skilled artisans, at \$840 each (<i>same acts</i>).....	5,040.00		
One engineer (<i>same acts</i>).....	1,300.00		
One fireman and steam fitter (<i>same acts</i>).....	840.00		
Five firemen, at \$720 each (decrease of 1 by transfer to the Secretary's roll) (<i>same acts</i>).....	3,600.00		
One captain of the watch (<i>same acts</i>).....	1,000.00		
One electrician (<i>same acts</i>).....	1,200.00		
One gardener (increase of \$160 submitted) (<i>same acts</i>).....	1,000.00		
NOTE.—This employee is an exceptionally capable man and without assistance keeps the lawns, flower beds, and premises about the Weather Bureau in creditable condition.			
Four repairmen, at \$840 each (increase of 2 in lieu of 2 repairmen at \$720, with increase of \$120 in each case) (<i>same acts</i>).....	3,360.00		
NOTE.—The small increase asked for 2 repairmen as above should be allowed, as these men have been connected with the Weather Bureau for several years. They are unusually valuable employees, and it is doubtful if their services can be retained at their present compensation.			
Six repairmen, at \$720 each (decrease of 2, as above) (<i>same acts</i>).....	4,320.00		
Four watchmen, at \$720 each (<i>same acts</i>).....	2,880.00		
Seventeen messengers, messenger boys, or laborers, at \$720 each (<i>same acts</i>).....	12,240.00		
Six messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>).....	3,960.00		
Thirty-one messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>).....	18,600.00		
Eighty-eight messengers, messenger boys, or laborers, at \$480 each (increase of 1 by transfer of 1 laborer from the lump fund at same salary) (<i>same acts</i>).....	42,240.00		
Five messengers, messenger boys, or laborers, at \$450 each (<i>same acts</i>).....	2,250.00		
Twenty-seven messenger boys, at \$360 each (<i>same acts</i>).....	9,720.00		
One charwoman (<i>same acts</i>).....	360.00		
Three charwomen, at \$240 each (<i>same acts</i>).....	720.00		
	\$328,270.00	\$325,860.00	
Appropriations for 1905.....	\$180,440	Estimates for 1906.....	\$181,190
Appropriations for 1906.....	191,430	Estimates for 1907.....	194,530
Appropriations for 1907.....	194,690	Estimates for 1908.....	196,990
Appropriations for 1908.....	196,990	Estimates for 1909.....	202,510
Appropriations for 1909.....	202,510	Estimates for 1910.....	204,310
Appropriations for 1910.....	205,310	Estimates for 1911.....	206,150
Appropriations for 1911.....	206,150	Estimates for 1912.....	342,800
Appropriations for 1912.....	313,170	Estimates for 1913.....	317,120
Appropriations for 1913.....	315,930	Estimates for 1914.....	330,240
Appropriations for 1914.....	325,860	Estimates for 1915.....	328,270
NOTE.—Apparent increase, \$2,410; actual decrease, \$820, as follows:			
PROMOTIONS.			
1 gardener, from \$840 to \$1,000.....		\$160.00	
2 repairmen, at \$840, in lieu of 2 repairmen, at \$720.....		240.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	
Salaries, Weather Bureau—Continued.			
NEW PLACES.			
1 clerk, class 4.....	\$1,800.00		
2 clerks, class 3.....	3,200.00		
2 clerks, class 2.....	2,800.00		
	\$8,200.00		
PLACE DECREASED.			
1 assistant foreman of division, at \$1,600, to 1 chief compositor, at \$1,400.....	200.00		
PLACES DROPPED.			
1 assistant chief of bureau.....	3,250.00		
4 copyists or typewriters, at \$900 each.....	3,600.00		
1 compositor.....	1,250.00		
TRANSFER TO SECRETARY'S ROLL.			
1 fireman.....	720.00		
	9,020.00		
Actual decrease.....	820.00		
TRANSFER FROM DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.			
1 assistant chief of division of accounts.....	2,750.00		
TRANSFER FROM LUMP FUND, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.			
1 laborer.....	480.00		
	3,230.00		
Apparent increase.....	2,410.00		
CHANGE OF TITLE.			
1 copyist or typewriter, \$900, changed to clerk, at same salary.			
1 lithographer, \$1,200, changed to pressman, at same salary.			
Contingent <i>Miscellaneous Expenses, Weather Bureau—</i>			
For fuel, lights, repairs, and other expenses for the care and preservation of the public buildings and grounds and the improvement of the existing public buildings of the Weather Bureau in the city of Washington; for stationery and blank books, furniture and repairs to same, and freight and express charges; for subsistence, care, and purchase of horses and vehicles, and repairs of harness, for official purposes only; for advertising, dry goods, twine, mats, oils, paints, glass, lumber, hardware, ice, washing towels, and other miscellaneous supplies and expenses not otherwise provided for, in the city of Washington, \$25,000 (<i>acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; Mar. 4, 1913, vol. 37, p. 829, sec. 1</i>).....	\$25,000.00	\$25,000.00	
NOTE.—There is no change in the above appropriation.			
Appropriations for 1905.....	\$10,000	Estimates for 1906.....	\$10,000
Appropriations for 1906.....	10,000	Estimates for 1907.....	10,000
Appropriations for 1907.....	10,000	Estimates for 1908.....	10,000
Appropriations for 1908.....	10,000	Estimates for 1909.....	12,000
Appropriations for 1909.....	11,000	Estimates for 1910.....	12,000
Appropriations for 1910.....	25,000	Estimates for 1911.....	25,000
Appropriations for 1911.....	25,000	Estimates for 1912.....	25,000
Appropriations for 1912.....	25,000	Estimates for 1913.....	25,000
Appropriations for 1913.....	25,000	Estimates for 1914.....	25,000
Appropriations for 1914.....	25,000	Estimates for 1915.....	25,000
1 "Fuel, light, and repairs, Weather Bureau," merged in "Contingent expenses" in 1910.			
General Expenses, Weather Bureau—			
For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies or on adjacent coasts, in the Hawaiian Islands, and in Bermuda the provisions of an act approved October 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, and for every expenditure requisite for and incident to the establishment, equipment, and maintenance of meteorological observation stations, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:			
For the employment of professors of meteorology, inspectors, district forecasters, local forecasters, section directors, research observers, observers, assistant observers, operators, skilled mechanics, repairmen, station agents, messengers, messenger boys, laborers, and other necessary employees, \$590,500:			
For fuel, gas, electricity, freight and express charges, furniture, stationery, and all other necessary supplies and miscellaneous expenses, \$106,500:			
For instruments, shelters, apparatus, storm-warning towers, and repairs thereto, \$43,500:			
For rent of offices and repairs and improvements to buildings now completed and located outside of the District of Columbia, and care and preservation of grounds, including construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds, \$100,000:			
For official traveling expenses, \$24,500:			
For telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service, \$306,000:			
For the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines, \$4,000:			
For investigations in climatology and evaporation, including the erection of temporary buildings for living quarters for observers, for river, rain, snow, ice, crop, evaporation, aerial, storm, hurricane, and other observations, warnings, and reports, and for pay of special observers and displaymen, \$120,000:			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Weather Bureau—Continued.</i>		
<p><i>For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, or on adjacent coasts, in the Hawaiian Islands, and in Bermuda, the provisions of an act approved Oct. 1, 1890, so far as they relate to the Weather Service transferred thereby to the Department of Agriculture; for the employment of professors of meteorology, district forecasters, local forecasters, section directors, research observers, observers, assistant observers, operators, skilled mechanics, assistant foremen, proof readers, compositors, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight, express charges, furniture, stationery; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for official traveling expenses; for telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure requisite for and incident to the establishment, equipment, and maintenance of meteorological observation stations, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows (acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; Mar. 4, 1913, vol. 37, pp. 829, 830, sec. 1):</i></p>		
<p><i>For weather forecasts and warnings of storms, cold waves, frosts, heavy snows, and for the necessary observations and reports, \$780,000 (same acts).....</i></p>	\$780,000.00	
<p><i>For the gauging and reporting of rivers, the issuing of river forecasts and warnings, and for river, rain, and snow reports, \$78,000 (same acts).....</i></p>	78,000.00	
<p><i>For investigations in meteorology, climatology, seismology, and evaporation, including the erection of temporary buildings for living quarters for observers, and for crop, aerial, evaporation, and other necessary reports, \$405,000 (same acts).....</i></p>	405,000.00	
<p><i>For marine meteorological work, and lake and ocean reports, \$25,000 (same acts).....</i></p>	25,000.00	
<p>NOTE.—There is a decrease in the above items, as compared with the present appropriation bill, of \$7,000. The appropriation for general expenses is rearranged according to the recommendations of a Weather Bureau committee appointed for the purpose, and subdivided to conform to the principal activities of the bureau rather than to the character of the expenditures as heretofore. Care has been taken to retain practically the same provisions and phraseology as are in the existing appropriation bill under the following projects, namely: Forecasts and warnings; river and flood work; climatological investigations; marine meteorological work; printing office; and buildings.</p>		
<p>[For the maintenance of a printing office in the city of Washington, including the purchase of necessary supplies and materials for printing weather maps, bulletins, circulars, forms, and other publications, and for pay of additional assistant foremen, proof readers, compositors, pressmen, lithographers, and folders and feeders, when necessary, \$16,750;]</p>		
<p><i>For the maintenance of a printing office in the city of Washington, for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$26,000 (acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; Mar. 4, 1913, vol. 37, pp. 879, 880, sec. 1).....</i></p>	26,000.00	
<p>NOTE.—There is an increase in the above appropriation of \$9,250, and the phraseology of the item has been changed. This increase will be used to purchase a rapid rotary Harris press, and for additional work that will be required to be done in the printing office during the next fiscal year.</p>		
<p>[For the acquisition of sites outside of the District of Columbia and the erection thereon of two buildings for use as Weather Bureau observatories, to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work, \$45,000;]</p>		
<p><i>For the erection of a building at Neah Bay, Wash., to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work, \$3,000 (same acts).....</i></p>	3,000.00	
<p>NOTE.—There is a decrease in the above appropriation of \$42,000, and the phraseology of the item has been changed. The present appropriation bill provides for the construction of two observatory buildings, which it is proposed to locate at Sandy Hook, N. J., and Cincinnati, Ohio. These estimates contain a recommendation for the construction of a building at Neah Bay, Wash., at a cost of \$3,000. Neah Bay is an isolated place on the coast of Washington and is the terminus of one of the Weather Bureau telegraph lines. The proposed building is desired for a place of residence and office for the Weather Bureau employee, as a rented building can not be obtained. The employee at this place has been occupying for a number of years an old storehouse, which was originally built for one of the Indian agencies. It has been repaired from time to time, so as to make it as comfortable as possible; but it is now in such condition that it is unfit for human habitation, and it is beyond repairing.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Weather Bureau—Continued.</i>		
[Hereafter officials and employees of the Weather Bureau, when transferred from one station to another for official duty, shall be allowed all traveling expenses authorized by existing laws applicable to said bureau, notwithstanding any changes in appointments that may be required by such transfers:]		
NOTE.—The above provision is omitted, as it is now permanent law.		
In all, for general expenses, [\$1,356,750] \$1,317,000 (decrease of \$39,750).....	\$1,317,000.00	\$1,356,750.00
Appropriations for 1905..... ¹ \$572,000	Estimates for 1906..... ¹ \$592,000	
Appropriations for 1906..... ¹ 562,010	Estimates for 1907..... ¹ 693,010	
Appropriations for 1907..... ¹ 630,000	Estimates for 1908..... ¹ 645,000	
Appropriations for 1908..... ¹ 645,000	Estimates for 1909..... ¹ 687,500	
Appropriations for 1909..... ¹ 852,000	Estimates for 1910..... ¹ 1,412,950	
Appropriations for 1910..... ¹ 1,277,950	Estimates for 1911..... ¹ 1,277,110	
Appropriations for 1911..... ¹ 1,293,610	Estimates for 1912..... ¹ 1,283,310	
Appropriations for 1912..... ¹ 1,262,080	Estimates for 1913..... ¹ 1,268,330	
Appropriations for 1913..... ¹ 1,278,750	Estimates for 1914..... ¹ 1,310,250	
Appropriations for 1914..... ¹ 1,356,750	Estimates for 1915..... ¹ 1,317,000	
¹ "Salaries, station employees, Weather Bureau," separately provided for.		
NOTE 1.—Salaries of professors of meteorology, district forecasters, local forecasters, section directors, observers, assistant observers, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, WEATHER BUREAU.		
STATION SALARIES.		
In Washington:		
2 professors of meteorology, at \$3,500 each.....	\$7,000	
1 professor of meteorological physics.....	3,500	
1 professor of meteorology.....	3,000	
1 junior professor of meteorology.....	2,400	
1 district forecaster.....	3,000	
1 climatologist and chief of division.....	2,500	
1 observer.....	1,400	
2 observers, at \$1,200 each.....	2,400	
Total.....	25,200	
Out of Washington:		
2 professors of meteorology, at \$3,500 each.....	7,000	
5 professors of meteorology, at \$2,500 each.....	12,500	
1 junior professor of meteorology.....	2,400	
1 inspector.....	2,750	
7 district forecasters, at \$2,400 each.....	16,800	
1 local forecaster.....	2,400	
8 local forecasters, at \$2,000 each.....	16,000	
14 local forecasters, at \$1,800 each.....	25,200	
28 local forecasters, at \$1,600 each.....	44,800	
38 local forecasters, at \$1,400 each.....	53,200	
5 local forecasters, at \$1,200 each.....	6,000	
2 local forecasters, at \$1,000 each.....	2,000	
1 local forecaster.....	900	
6 section directors, at \$2,000 each.....	12,000	
10 section directors, at \$1,800 each.....	18,000	
11 section directors, at \$1,600 each.....	17,600	
4 section directors, at \$1,400 each.....	5,600	
1 section director.....	1,000	
1 observer.....	1,400	
92 observers, at \$1,200 each.....	110,400	
18 observers, at \$1,000 each.....	18,000	
84 assistant observers, at \$1,000 each.....	84,000	
102 assistant observers, at \$900 each.....	91,800	
1 observer.....	600	
1 expert in vessel reporting.....	840	
1 unskilled laborer.....	360	
5 student assistants, at \$300 each.....	1,500	
Total.....	555,050	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Weather Bureau—Continued.</i>			
NOTE 2.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):			
Estimates, "Climatology and investigations, 1915," \$405,000.	Appropriation, "Climatology and investigations, 1913," \$395,000.		
Salaries..... \$231,500	Salaries..... \$217,140		
As follows:	As follows:		
1 professor of meteorological physics, at \$3,500.	1 professor of meteorological physics, at \$3,500.		
1 professor of meteorology, at \$3,000.	1 professor of meteorology, at \$3,000.		
5 professors of meteorology, at \$2,500 each.	5 professors of meteorology, at \$2,500 each.		
2 junior professors of meteorology, at \$2,400 each.	2 junior professors of meteorology, at \$2,400 each.		
1 climatologist and chief of division, at \$2,500.	1 climatologist and chief of division, at \$2,500.		
8 section directors, at \$2,000 each.	7 section directors, at \$2,000 each.		
10 section directors, at \$1,800 each.	9 section directors, at \$1,800 each.		
11 section directors, at \$1,600 each.	11 section directors, at \$1,600 each.		
4 section directors, at \$1,400 each.	8 section directors, at \$1,400 each.		
1 section director, at \$1,000.	1 section director, at \$1,000.		
35 observers, at \$1,200 each.	33 observers, at \$1,200 each.		
4 observers, at \$1,000 each.	4 observers, at \$1,000 each.		
80 assistant observers, at \$1,000 each.	35 assistant observers, at \$1,000 each.		
6 student assistants, at \$300 each.	38 assistant observers, at \$840 each.		
35 temporary emergency employments, at varying salaries.	6 assistant observers, at \$720 each.		
25 special meteorological observers, at varying salaries.	30 temporary emergency employments, at varying salaries.		
275 cotton, corn, wheat, and special observers, at varying salaries.	20 special meteorological observers, at varying salaries.		
Traveling expenses..... 7,500	265 cotton, corn, wheat, and special observers, at varying salaries.		
Supplies and equipment..... 40,000	Traveling expenses..... 6,508		
Miscellaneous expenses..... 125,000	Supplies and equipment..... 39,250		
Total estimate, 1915..... 405,000	Miscellaneous expenses..... 125,125		
Total appropriation, 1914..... 395,000	Total expenditures, 1913..... 388,023		
Increase..... 10,000			
Estimates, "Forecasts and warnings, 1915," \$780,000.	Appropriation, "Forecasts and warnings, 1913," \$760,000.		
Salaries..... \$414,640	Salaries..... \$383,960		
As follows:	As follows:		
3 professors of meteorology, at \$3,500 each.	4 professors of meteorology, at \$3,500 each.		
1 chief of forecast division, at \$3,250.	1 district forecaster, at \$3,000.		
1 district forecaster, at \$3,500.	2 inspectors, at \$2,750 each.		
1 district forecaster, at \$2,750.	7 district forecasters, at \$2,400 each.		
10 district forecasters, at \$2,400 each.	1 local forecaster, at \$2,400.		
12 local forecasters, at \$2,000 each.	8 local forecasters, at \$2,000 each.		
15 local forecasters, at \$1,800 each.	10 local forecasters, at \$1,800 each.		
30 local forecasters, at \$1,600 each.	27 local forecasters, at \$1,600 each.		
35 local forecasters, at \$1,400 each.	38 local forecasters, at \$1,400 each.		
5 local forecasters, at \$1,200 each.	5 local forecasters, at \$1,200 each.		
2 observers, at \$1,400 each.	1 observer, at \$1,400.		
50 observers, at \$1,200 each.	48 observers, at \$1,200 each.		
14 observers, at \$1,000 each.	12 observers, at \$1,000 each.		
97 assistant observers, at \$1,000 each.	50 assistant observers, at \$1,000 each.		
1 expert in vessel reporting, at \$840.	45 assistant observers, at \$840 each.		
55 temporary emergency employments, at varying salaries.	10 assistant observers, at \$720 each.		
195 storm-warning displaymen, at varying salaries.	1 observer, at \$600.		
125 special meteorological observers, at varying salaries.	1 assistant observer, at \$420.		
Traveling expenses..... 14,000	1 expert in vessel reporting, at \$840.		
Supplies and equipment..... 60,000	50 temporary emergency employments, at varying salaries.		
Miscellaneous expenses..... 291,360	180 storm-warning displaymen, at varying salaries.		
Total estimate, 1915..... 780,000	120 special meteorological observers, at varying salaries.		
Total appropriation, 1914..... 760,000	Traveling expenses..... 15,125		
Increase..... 20,000	Supplies and equipment..... 58,334		
	Miscellaneous expenses..... 290,185		
	Total expenditures, 1913..... 747,604		
Total for Weather Bureau, including statutory salaries (decrease of \$37,340).....		\$1, 670, 270. 00	\$1, 707, 610. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
BUREAU OF ANIMAL INDUSTRY.		
<i>Salaries, Bureau of Animal Industry—</i>		
One chief of bureau (increase of \$1,000 submitted) (<i>R. S., p. 87, secs. 522, 523; acts Apr. 25, 1896, vol. 29, p. 101, sec. 1; Mar. 4, 1913, vol. 37, pp. 830, 831, sec. 1</i>).....	\$6,000.00	
One chief clerk (<i>same acts</i>).....	2,500.00	
One editor and compiler (<i>same acts</i>).....	2,250.00	
Six clerks, class 4 (<i>same acts</i>).....	10,800.00	
One clerk (<i>same acts</i>).....	1,680.00	
Thirteen clerks, class 3 (increase of 1 by transfer from Division of Accounts) (<i>same acts</i>).....	20,800.00	
Two clerks, at \$1,500 each (<i>same acts</i>).....	3,000.00	
Twenty-three clerks, class 2 (increase of 1 by transfer from Division of Accounts) (<i>same acts</i>)..	32,200.00	
Two clerks, at \$1,380 each (<i>same acts</i>).....	2,760.00	
Three clerks, at \$1,320 each (<i>same acts</i>).....	3,960.00	
One clerk (<i>same acts</i>).....	1,300.00	
One clerk (<i>same acts</i>).....	1,260.00	
Thirty-nine clerks, class 1 (increase of 1 by transfer from Division of Accounts, and decrease of 1 by transfer to Secretary's roll, making no change in this grade) (<i>same acts</i>).....	46,800.00	
One clerk (<i>same acts</i>).....	1,100.00	
One clerk (<i>same acts</i>).....	1,080.00	
Fifty clerks, at \$1,000 each (<i>same acts</i>).....	50,000.00	
Two clerks, at \$960 each (<i>same acts</i>).....	1,920.00	
Sixty-four clerks, at \$900 each (<i>same acts</i>).....	57,600.00	
One architect (<i>same acts</i>).....	2,000.00	
One architect (<i>same acts</i>).....	900.00	
One illustrator (<i>same acts</i>).....	1,400.00	
NOTE.—Four inspector's assistants, at \$1,000 each; 12 inspector's assistants, at \$840 each; 1 laboratory assistant, at \$1,200; and 2 laboratory assistants, at \$900 each, have been transferred to the lump-fund appropriation for general expenses. All of these places were inadvertently transferred from lump-sum appropriations upon the passage of the law requiring that executive officers, clerks, and employees below the grade of clerk carried on lump-sum appropriations should be transferred to the statutory roll. It is clear that inspector's assistants and laboratory assistants are scientific or technical employees, and as such should be carried on the lump-fund rolls with other such employees.		
One laboratory helper (<i>same acts</i>).....	1,020.00	
Two laboratory helpers, at \$840 each (<i>same acts</i>).....	1,680.00	
One laboratory helper (<i>same acts</i>).....	720.00	
One laboratory helper (<i>same acts</i>).....	600.00	



Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
One laboratory helper (<i>R. S.</i> , p. 87, <i>secs.</i> 522, 523; <i>acts</i> Apr. 25, 1896, <i>vol.</i> 29, p. 101, <i>sec.</i> 1; Mar. 4, 1913, <i>vol.</i> 37, pp. 830, 831, <i>sec.</i> 1).....	\$480.00	
One instrument maker (<i>same acts</i>).....	1,200.00	
One carpenter (<i>same acts</i>).....	1,100.00	
Two carpenters, at \$1,000 each (<i>same acts</i>).....	2,000.00	
One messenger and custodian (<i>same acts</i>).....	1,200.00	
One messenger and custodian (<i>same acts</i>).....	1,000.00	
One skilled laborer (<i>same acts</i>).....	1,000.00	
Thirty-three skilled laborers, at \$900 each (<i>same acts</i>).....	29,700.00	
Two skilled laborers, at \$840 each (<i>same acts</i>).....	1,680.00	
One skilled laborer (<i>same acts</i>).....	780.00	
Eight skilled laborers, at \$720 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	5,760.00	
Nine messengers, skilled laborers, or laborers, at \$840 each (<i>same acts</i>).....	7,560.00	
Ten messengers, skilled laborers, or laborers, at \$720 each (<i>same acts</i>).....	7,200.00	
Two messengers, skilled laborers, or laborers, at \$660 each (<i>same acts</i>).....	1,320.00	
Eleven laborers, messengers, or messenger boys, at \$600 each (increase of 2 by transfer from lump fund) (<i>same acts</i>).....	6,600.00	
Three laborers, messengers, or messenger boys, at \$540 each (<i>same acts</i>).....	1,620.00	
Thirty-two laborers, messengers, or messenger boys, at \$480 each (increase of 9 by transfer from lump fund) (<i>same acts</i>).....	15,360.00	
Six laborers, messengers, or messenger boys, at \$360 each (<i>same acts</i>).....	2,160.00	
NOTE.—The 12 grades above, of messengers, laborers, and messenger boys, have been rearranged without change of title or increase of compensation, except to include employees transferred from lump fund.		
One watchman (<i>same acts</i>).....	720.00	
One charwoman (<i>same acts</i>).....	600.00	
One charwoman (<i>same acts</i>).....	540.00	
Eleven charwomen, at \$480 each (<i>same acts</i>).....	5,280.00	
Four charwomen, at \$360 each (<i>same acts</i>).....	1,440.00	
One charwoman (<i>same acts</i>).....	300.00	
Two charwomen, at \$240 each (<i>same acts</i>).....	480.00	
Appropriations for 1905.....	\$87,880	Estimates for 1906.....
Appropriations for 1906.....	83,480	Estimates for 1907.....
Appropriations for 1907.....	84,780	Estimates for 1908.....
Appropriations for 1908.....	85,280	Estimates for 1909.....
Appropriations for 1909.....	83,660	Estimates for 1910.....
Appropriations for 1910.....	114,100	Estimates for 1911.....
Appropriations for 1911.....	115,920	Estimates for 1912.....
Appropriations for 1912.....	347,450	Estimates for 1913.....
Appropriations for 1913.....	352,450	Estimates for 1914.....
Appropriations for 1914.....	359,250	Estimates for 1915.....
	\$352,410.00	\$359,250.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
NOTE.—Apparent decrease, \$6,840; actual decrease, \$17,280, as follows:		
PROMOTION.		
1 chief of bureau, from \$5,000 to \$6,000.....	\$1,000.00	
PLACES OMITTED BY TRANSFER TO THE LUMP FUND FOR GENERAL EXPENSES.		
4 inspector's assistants, at \$1,000 each.....	\$4,000.00	
12 inspector's assistants, at \$840 each.....	10,080.00	
1 laboratory assistant.....	1,200.00	
2 laboratory assistants, at \$900 each.....	1,800.00	
PLACE OMITTED BY TRANSFER TO SECRETARY'S ROLL.		
1 clerk, class 1.....	\$1,200.00	18,280.00
Actual decrease.....		17,280.00
TRANSFERS FROM LUMP FUND WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 skilled laborer.....	720.00	
2 laborers, messengers, or messenger boys, at \$600.....	1,200.00	
9 messengers, messenger boys, or laborers, at \$480.....	4,320.00	
TRANSFERS FROM DIVISION OF ACCOUNTS WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 3.....	1,600.00	
1 clerk, class 2.....	1,400.00	
1 clerk, class 1.....	1,200.00	10,440.00
Apparent decrease.....		6,840.00
<i>General Expenses, Bureau of Animal Industry—</i>		
<p>For carrying out the provisions of the act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the act approved Mar. 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the act approved Aug. 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, etc.; and the provisions of the act approved Feb. 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the act approved Mar. 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes: <i>Provided</i>, That hereafter all the provisions of the said act approved Mar. 3, 1905, shall apply to any railroad company or other common carrier, whose road or line forms any part of a route over which cattle or other live stock are transported in the course of shipment from any quarantined State or Territory or the District of Columbia, or from the quarantined portion of any State or Territory or the District of Columbia, into any other State or Territory or the District of Columbia; and for carrying out the provisions of the act of June 29, 1906, entitled "An act to prevent cruelty to animals while in transit by railroad or other means of transportation;" and for carrying out the provisions of the act approved Mar. 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another: <i>Provided</i>, That the following language in section 6, act of May 29, 1884 (<i>ch. 60, sec. 6, 23 Stat. L., p. 32</i>), is repealed: "<i>Provided</i>, That the so-called splenetic or Texas fever shall not be considered a contagious, infectious, or communicable disease within the meaning of sections 4, 5, 6, and 7 of this act, as to cattle being transported by rail to market for slaughter, when the same are unloaded only to be fed and watered in lots on the way thereto," as follows:</p>		
NOTE.—The new language above in regard to the act regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, etc., has been inserted in order to complete the citation of laws for the enforcement of which the appropriation for general expenses is made. Later on a specific item is carried to provide money for the enforcement of this law.		
NOTE.—It is also proposed to repeal the provision referred to above in regard to splenetic or Texas fever, because it has been clearly demonstrated that splenetic, southern, or Texas fever in cattle is a communicable disease. For this reason it is desired to repeal the section of the law which specifically excepts this disease from that class of animal diseases, and thus to prohibit the interstate shipment of animals carrying this infection. Cattle of the quarantined area, in the opinion of the bureau, should be dipped to rid them of ticks which transmit the disease in order that the movement of such cattle to nonquarantined areas may not be attended with the danger of spreading the disease. It is thought that this measure will greatly lessen the spread of Texas fever infection and will materially promote the work of eradicating ticks throughout the Southern States.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
General Expenses, Bureau of Animal Industry—Continued.		
<p>For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the 28-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon; the inspection work relative to the existence of contagious diseases, and the tuberculin and mallein testing of animals, [\$654,000] \$640,520, of which sum not more than \$3,000 may be used for the construction of a superintendent's house on the ground of the United States animal quarantine station for the port of Boston, at Littleton, Mass. [Provided, That of this sum not less than \$75,000 shall be set aside for demonstrating the best method of preventing and eradicating hog cholera] (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, pp. 831-833, sec. 1).....</p>	\$640,520.00	
<p>NOTE.—Apparent decrease \$13,480. \$75,000 for eradicating hog cholera has been eliminated from the appropriation and appears below as a separate item. Four inspectors' assistants, at \$1,000 each and 12 inspectors' assistants, at \$840 each, amounting to \$14,080, have also been transferred from the statutory roll to this appropriation; therefore, there is an actual increase in this item of \$47,440.</p>		
<p>For demonstrating the best method of preventing and eradicating hog cholera, \$75,000, of which sum not more than \$25,000 may be used for the construction and equipment of an anti-hog cholera serum plant, which amount shall be immediately available (same acts).....</p>	75,000.00	
<p>NOTE.—This is apparently a new item involving an increase of \$75,000, but, in reality, it is simply a transfer of this item from the appropriation above for inspection and quarantine work. The question of eradicating this disease is one of great interest to the United States, as there are enormous losses over the whole country and the work should be continued. During the last six months the department has been in receipt of many requests for aid and cooperation in eradicating hog cholera and it has been impossible to comply with all of them. The language of the item has also been changed.</p>		
<p>For all necessary expenses for the eradication of southern cattle ticks, [\$325,000] \$400,000, of which sum \$50,000 may be used for live stock demonstration work, in cooperation with the Bureau of Plant Industry, in areas freed of ticks: Provided, however, That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry (same acts).....</p>	400,000.00	
<p>NOTE.—This is an increase of \$75,000. Owing to the high price of cattle and the uncertainty of the cotton crop, several of the Southern States are manifesting an increased interest in tick eradication, and to this end they are taking steps to obtain additional State and county appropriations, and are demanding an extension of department cooperation and assistance. It is considered that if \$50,000 of the \$400,000 appropriation desired could be used for the purpose of demonstrating in counties released from quarantine for Texas fever ticks the benefits to be derived by raising a better class of cattle and obtaining some revenue from the cattle industry rather than relying solely on the cotton industry, that great good could be accomplished and the work of tick eradication in territory adjacent would be benefited. Federal and State employees are continually explaining to farmers in the Southern States the benefits to be derived from tick eradication, thereby enabling them to raise better cattle and indulge in diversified farming. However, observations in counties where ticks have been eradicated show that many people do not know how to set about improving conditions. They need to provide themselves with thoroughbred bulls to cross on their native cows and they need instruction as to the care of calves and the growing of forage for the use of live stock. It may be that of the \$50,000 to be used in the development of the cattle industry in the area recently released from quarantine the department might purchase a few thoroughbred bulls and place them in localities where the people are unable to obtain service of this kind, provided suitable parties and places for the care of the bulls could be secured. It has been demonstrated that a common southern cow worth \$10 or \$12 bred to a thoroughbred Shorthorn or Hereford bull, with proper care and management, produce calves which at 15 to 18 months old bring from \$60 to \$80 for beef. There should be hundreds of these demonstrations in the area released from quarantine.</p>		
<p>For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated butter factories and markets [\$177,900], \$256,490 (same acts).....</p>	256,490.00	
<p>NOTE.—There is an increase in the above appropriation of \$78,590 for the extension of research and educational work under way and for the inauguration of new work along both the above-mentioned lines. As research work along the broader lines advances, it opens up new problems for study, and these give rise to a normal growth, particularly as research work is still limited as compared with the expanse of the industry. Demands for educational work along lines of dairying are rapidly increasing, particularly in connection with the county demonstration work and with market-milk inspection. There are still a great many dairy problems that are not being studied by anyone. It is important that investigations regarding some of these be undertaken and that new features in connection with educational work be inaugurated.</p>		
<p>[For all necessary expenses for investigations and experiments in animal husbandry, \$52,180;]</p>		
<p>For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, and experiments in the breeding of horses for military purposes, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$197,840: Provided, That of the sum thus appropriated, \$2,500 may be used for experiments in the feeding and breeding of ostriches and for investigations and experiments in the study of the ostrich industry (same acts).....</p>	197,840.00	
<p>NOTE.—This is a consolidation of three items and an increase of \$43,160. For a number of years the appropriations for this bureau for use in animal husbandry have been in two different forms, namely, for animal-husbandry investigations and for cooperative experiments in animal feeding and breeding. At the last session of Congress a third appropriation was added for experiments in ostrich feeding and breeding. It is possible legally to pay the expenses of any animal-husbandry project from the appropriations for animal husbandry or from the appropriation for cooperative experiments in animal feeding and breeding. It is believed that this does not make for good administration, and these two items and the one for breeding ostriches have been combined.</p>		

Date	Description
1/1/1911	To Balance
1/2/1911	By Cash
1/3/1911	To Cash
1/4/1911	By Cash
1/5/1911	To Cash
1/6/1911	By Cash
1/7/1911	To Cash
1/8/1911	By Cash
1/9/1911	To Cash
1/10/1911	By Cash
1/11/1911	To Cash
1/12/1911	By Cash
1/13/1911	To Cash
1/14/1911	By Cash
1/15/1911	To Cash
1/16/1911	By Cash
1/17/1911	To Cash
1/18/1911	By Cash
1/19/1911	To Cash
1/20/1911	By Cash
1/21/1911	To Cash
1/22/1911	By Cash

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<p><i>General Expenses, Bureau of Animal Industry—Continued.</i></p>		
<p>For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, [§78,680] \$77,360 (acts May 29, 1884, vol. 23, p. 31, secs. 1-11: Aug. 30, 1890, vol. 26, p. 414, secs. 1-10: Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7: Mar. 2, 1895, vol. 28, p. 732, sec. 1: Feb. 2, 1903, vol. 32, p. 791, secs. 1-3: Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6: June 29, 1906, vol. 34, p. 607, sec. 1: Mar. 4, 1913, vol. 37, pp. 831-833, sec. 1.....</p>	\$77,360.00	
<p>NOTE.—A decrease of \$1,320. The places of one laboratory assistant, at \$1,200, and two laboratory assistants, at \$900 each, total \$3,000, have been transferred from the statutory roll to this appropriation, and nine laborers, at \$480 each, total \$4,320, have been transferred to the statutory roll, resulting in a net decrease in this appropriation of \$1,320.</p>		
<p>[That from and after July 1, 1913, it shall be unlawful for any person, firm, or corporation to prepare, sell, barter, or exchange in the District of Columbia, or in the Territories, or in any place under the jurisdiction of the United States, or to ship or deliver for shipment from one State or Territory or the District of Columbia to any other State or Territory, or the District of Columbia, any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product intended for use in the treatment of domestic animals, and no person, firm, or corporation shall prepare, sell, barter, exchange, or ship as aforesaid any virus, serum, toxin, or analogous product manufactured within the United States and intended for use in the treatment of domestic animals, unless and until the said virus, serum, toxin, or analogous product shall have been prepared, under and in compliance with regulations prescribed by the Secretary of Agriculture, at an establishment holding an unsuspended and unrevoked license issued by the Secretary of Agriculture as hereinafter authorized. That the importation into the United States, without a permit from the Secretary of Agriculture, of any virus, serum, toxin, or analogous product for use in the treatment of domestic animals, and the importation of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals, are hereby prohibited. The Secretary of Agriculture is hereby authorized to cause the Bureau of Animal Industry to examine and inspect all viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, which are being imported or offered for importation into the United States, to determine whether such viruses, serums, toxins, and analogous products are worthless, contaminated, dangerous, or harmful, and if it shall appear that any such virus, serum, toxin, or analogous product, for use in the treatment of domestic animals, is worthless, contaminated, dangerous, or harmful, the same shall be denied entry and shall be destroyed or returned at the expense of the owner or importer. That the Secretary of Agriculture be, and hereby is, authorized to make and promulgate from time to time such rules and regulations as may be necessary to prevent the preparation, sale, barter, exchange, or shipment as aforesaid of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals, and to issue, suspend, and revoke licenses for the maintenance of establishments for the preparation of viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, intended for sale, barter, exchange, or shipment as aforesaid. The Secretary of Agriculture is hereby authorized to issue permits for the importation into the United States of viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, which are not worthless, contaminated, dangerous, or harmful. All licenses issued under authority of this act to establishments where such viruses, serums, toxins, or analogous products are prepared for sale, barter, exchange, or shipment as aforesaid, shall be issued on condition that the licensee shall permit the inspection of such establishments and of such products and their preparation; and the Secretary of Agriculture may suspend or revoke any permit or license issued under authority of this act, after opportunity for hearing has been granted the licensee or importer, when the Secretary of Agriculture is satisfied that such license or permit is being used to facilitate or effect the preparation, sale, barter, exchange, or shipment as aforesaid, or the importation into the United States of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals. That any officer, agent, or employee of the Department of Agriculture duly authorized by the Secretary of Agriculture for the purpose may, at any hour during the daytime or nighttime, enter and inspect any establishment licensed under this act where any virus, serum, toxin, or analogous product for use in the treatment of domestic animals is prepared for sale, barter, exchange, or shipment as aforesaid. That any person, firm, or corporation who shall violate any of the provisions of this act shall be deemed guilty of a misdemeanor, and shall, upon conviction, be punished by a fine of not exceeding \$1,000, or by imprisonment not exceeding one year, or by both such fine and imprisonment, in the discretion of the court. That there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, to be expended as the Secretary of Agriculture may direct, for the purposes and objects of this act, the sum of \$25,000, which appropriation shall become available on July 1, 1913, and may be expended at any time before July 1, 1914;]</p>		
<p>For all necessary expenses for enforcing the provisions of the act approved Mar. 4, 1913 (37 Stat. L., pp. 837, 838), regulating the preparation, sale, shipment, etc., of any virus, serum, toxin, or analogous product manufactured within the United States, or imported into the United States, intended for use in the treatment of domestic animals, \$25,000 (same acts).....</p>	25,000.00	
<p>NOTE.—The act regulating the production and traffic in viruses, serums, toxins, and analogous products intended for use in the treatment of domestic animals is omitted, because there is no necessity for repeating it, and a brief paragraph carrying an appropriation for the next fiscal year is substituted.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
For construction of buildings at bureau experiment station at Bethesda, Md., and bureau experiment farm at Beltsville, Md., \$16,500 (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 404, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1903, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Mar. 4, 1913, vol. 37, pp. 831-833, sec. 15</i>).....	\$16,500.00	
For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, [\$40,186] \$39,286 (<i>same acts</i>).....	39,286.00	
NOTE.—Decrease of \$900 by transfer of 1 clerk, at \$900, to Secretary's roll.		
[For all necessary expenses for experiments in the feeding and breeding of ostriches and for investigations and experiments in the study of the ostrich industry, \$2,500.]		
NOTE.—The above item is included in the item for animal husbandry, and is therefore omitted here.		
In all, for general expenses [\$1,371,946] , \$1,727,996 (increase of \$356,050).....	\$1,727,996.00	\$1,371,946.00
Appropriations for 1905..... \$1,275,000	Estimates for 1906..... \$1,525,000	
Deficiency act..... 150,000		
Appropriations for 1906..... 1,456,520	Estimates for 1907..... 1,729,000	
Deficiency act..... 63,000		
Appropriations for 1907..... 1,862,200	Estimates for 1908..... 942,200	
Appropriations for 1908..... 947,200	Estimates for 1909..... 997,200	
Appropriations for 1909..... 997,200	Estimates for 1910..... 1,043,760	
Deficiency act..... 300,000		
Appropriations for 1910..... 1,263,760	Estimates for 1911..... 1,234,540	
Appropriations for 1911..... 1,234,540	Estimates for 1912..... 1,288,180	
Appropriations for 1912..... 1,237,300	Estimates for 1913..... 1,229,666	
Appropriations for 1913..... 1,217,866	Estimates for 1914..... 1,366,546	
Appropriations for 1914..... 1,371,946	Estimates for 1915..... 1,727,996	
1 "Meat inspection" segregated and subsequently carried as a permanent appropriation.		
[And hereafter the Secretary of Agriculture is authorized to prepare and sell at cost such pathological and zoological specimens as he may deem of scientific or educational value to scientists or others engaged in the work of hygiene and sanitation: <i>Provided</i>, That all moneys received from the sale of such specimens shall be deposited in the Treasury as miscellaneous receipts.]		
NOTE 1.—The above item is omitted, as it is now permanent legislation.		
NOTE 2.—Salaries of scientific assistants, veterinary inspectors, stock examiners, agents, laborers, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY.		
INSPECTION AND QUARANTINE.		
In Washington:		
1 assistant chief of quarantine division.....	\$2,250	
2 veterinary inspectors, at \$2,000 each.....	4,000	
1 veterinary inspector.....	1,920	
2 veterinary inspectors, at \$1,800 each.....	3,600	
3 veterinary inspectors, at \$1,700 each.....	5,100	
1 veterinary inspector.....	1,600	
1 skilled laborer.....	1,000	
1 skilled laborer.....	900	
Total.....	20,370	
Out of Washington:		
1 veterinary inspector.....	2,500	
4 veterinary inspectors, at \$2,250 each.....	9,000	
3 veterinary inspectors, at \$2,220 each.....	6,660	
2 veterinary inspectors, at \$2,000 each.....	4,000	
1 live-stock inspector.....	2,000	
2 veterinary inspectors, at \$1,900 each.....	3,800	
56 veterinary inspectors, at \$1,800 each.....	100,800	
1 superintendent of construction.....	1,800	
29 veterinary inspectors, at \$1,620 each.....	46,980	
55 veterinary inspectors, at \$1,600 each.....	88,000	
1 live-stock inspector.....	1,600	
22 veterinary inspectors, at \$1,400 each.....	30,800	
1 traveling inspector.....	1,400	
1 agent in scabies eradication.....	1,200	
31 stock examiners, at \$1,200 each.....	37,200	
4 field stock examiners, at \$1,200 each.....	4,800	
1 live-stock inspector.....	1,200	
1 live-stock agent.....	1,200	
1 vessel inspector.....	1,200	
1 special agent.....	1,200	
3 inspector's assistants, at \$1,200 each.....	3,600	
2 stock examiners, at \$1,140 each.....	2,280	
1 meat inspector.....	1,100	
19 agents in scabies eradication, at \$1,000 each.....	19,000	
4 stock examiners, at \$1,000 each.....	4,000	
2 agents, at \$1,000 each.....	2,000	
7 inspector's assistants, at \$1,000 each.....	7,000	
5 inspector's assistants, at \$900 each.....	4,500	
1 agent in scabies eradication.....	900	
1 stock examiner.....	900	
3 inspector's assistants, at \$900 each.....	2,700	
1 quarantine assistant.....	900	
1 agent in scabies eradication.....	840	
4 agents, at \$840 each.....	3,360	
6 inspector's assistants, at \$840 each.....	5,040	
4 agents in scabies eradication, at \$720 each.....	2,880	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, referenees to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
INSPECTION AND QUARANTINE—continued.		
Out of Washington—Continued.		
2 unskilled laborers, at \$50 per month each (temporary).....	\$300	
2 veterinary inspectors, at \$8 per diem each (when actually employed).....	2,664	
3 agents, at \$6 per diem each (when actually employed).....	900	
3 carpenters, at \$3.50 per diem each (when actually employed).....	420	
1 veterinary inspector, at \$3 per diem (when actually employed).....	180	
Total.....	413,104	
ERADICATING CATTLE TICKS.		
In Washington:		
1 veterinary inspector.....	2,250	
1 laboratory helper.....	600	
Total.....	2,850	
Out of Washington:		
3 veterinary inspectors, at \$2,400 each.....	7,350	
2 veterinary inspectors, at \$2,250 each.....	4,500	
1 veterinary inspector.....	2,220	
1 veterinary inspector.....	2,040	
1 veterinary inspector.....	1,980	
14 veterinary inspectors, at \$1,800 each.....	25,200	
2 agents in tick eradication, at \$1,800 each.....	3,600	
14 veterinary inspectors, at \$1,620 each.....	22,680	
24 veterinary inspectors, at \$1,600 each.....	38,400	
29 veterinary inspectors, at \$1,400 each.....	40,600	
1 agent in tick eradication.....	1,200	
15 agents in tick eradication, at \$1,000 each.....	15,000	
1 agent.....	1,000	
14 agents in tick eradication, at \$960 each.....	13,440	
8 agents in tick eradication, at \$900 each.....	7,200	
1 agent.....	900	
32 agents in tick eradication, at \$840 each.....	27,080	
1 agent.....	840	
1 inspector's assistant.....	840	
4 agents in tick eradication, at \$60 each.....	240	
1 agent at \$60 per month (1 month).....	60	
2 unskilled laborers, at \$2.50 per diem each (when actually employed).....	150	
Total.....	216,550	
DAIRY INDUSTRY.		
In Washington:		
1 senior dairyman.....	2,760	
2 senior dairymen, at \$2,520 each.....	5,040	
1 specialist in animal husbandry.....	2,400	
1 senior dairyman.....	2,250	
1 technologist.....	2,220	
3 dairymen, at \$2,100 each.....	6,300	
3 dairymen, at \$1,980 each.....	5,940	
1 senior dairyman.....	1,980	
1 assistant in dairying.....	1,800	
1 dairy chemist.....	1,800	
1 dairy engineer.....	1,800	
1 scientific assistant in dairying.....	1,800	
5 dairymen, at \$1,620 each.....	8,100	
2 junior dairymen, at \$1,620 each.....	3,240	
1 dairyman.....	1,500	
2 junior dairymen, at \$1,440 each.....	2,880	
1 dairy chemist.....	1,440	
1 assistant chemist.....	1,440	
1 junior dairyman.....	1,320	
1 under dairyman.....	1,320	
1 assistant in dairying.....	1,200	
1 scientific assistant.....	1,200	
1 clerk.....	1,000	
Total.....	60,730	
Out of Washington:		
1 senior dairyman.....	2,220	
1 dairyman.....	2,100	
3 dairymen, at \$1,980 each.....	5,940	
5 dairymen, at \$1,800 each.....	9,000	
1 dairy chemist.....	1,800	
1 dairyman.....	1,680	
5 dairymen, at \$1,620 each.....	8,100	
1 dairyman.....	1,500	
1 scientific assistant.....	1,500	
1 dairyman.....	1,440	
2 junior dairymen, at \$1,440 each.....	2,880	
1 agent in dairying.....	1,440	
1 agent in dairying.....	1,400	
1 assistant dairyman.....	1,380	
1 dairyman.....	1,320	
3 junior dairymen, at \$1,200 each.....	3,600	
2 agents in dairying, at \$1,200 each.....	2,400	
1 scientific assistant in dairying.....	1,200	
3 scientific assistants, at \$1,200 each.....	3,600	
2 agents in dairying, at \$1,000 each.....	2,000	
1 under dairyman.....	900	
1 herdsman.....	900	
1 assistant in dairying.....	720	
1 unskilled laborer.....	720	
1 unskilled laborer.....	600	
1 unskilled laborer.....	540	
8 unskilled laborers, at \$480 each.....	3,840	
1 unskilled laborer.....	360	
1 cow tester, at \$75 per month (temporary).....	162	
1 collaborator, at \$5 per diem (when actually employed).....	100	
1 unskilled laborer, at \$1.50 per diem (when actually employed).....	74	
Total.....	65,416	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

ral object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
ANIMAL HUSBANDRY.		
In Washington:		
1 senior animal husbandryman	\$2,760	
1 senior animal husbandryman	2,220	
1 senior animal husbandryman	2,100	
1 senior animal husbandryman	1,920	
1 animal husbandryman	1,800	
1 live stock assistant	1,800	
2 junior animal husbandrymen, at \$1,500 each	3,000	
2 junior animal husbandrymen, at \$1,280 each	2,760	
Total	18,360	
Out of Washington:		
1 senior animal husbandryman	2,000	
1 junior animal husbandryman	1,380	
1 clerk	720	
1 unskilled laborer	540	
14 unskilled laborers, at \$480 each	6,720	
1 unskilled laborer, at \$1.50 per diem (when actually employed)	75	
Total	11,435	
DEMONSTRATING METHOD OF PREVENTING AND ERADICATING HOG CHOLERA.		
In Washington:		
1 clerk	720	
Out of Washington:		
1 veterinary inspector	2,750	
1 veterinary inspector	2,520	
1 veterinary inspector	2,000	
3 veterinary inspectors, at \$1,800 each	5,400	
5 veterinary inspectors, at \$1,600 each	8,000	
1 veterinary inspector	1,400	
3 unskilled laborers, at \$720 each	2,160	
1 carpenter, at \$5 per diem (when actually employed)	200	
Total	24,430	
DISEASES OF ANIMALS.		
In Washington:		
1 assistant zoologist	2,220	
1 bacteriologist	2,040	
1 assistant zoologist	2,040	
1 assistant zoologist	1,980	
1 bacteriologist	1,860	
1 veterinary inspector	1,800	
1 assistant zoologist	1,600	
1 junior zoologist	1,400	
1 assistant microscopist	840	
1 plumber	720	
Total	16,500	
Out of Washington:		
1 superintendent experiment station	3,250	
1 veterinary inspector	2,220	
1 assistant in bacteriology	2,000	
1 veterinary inspector	1,600	
1 veterinary inspector	1,400	
1 expert in milk hygiene	1,380	
1 agent animal disease investigation	480	
10 unskilled laborers, at \$480 each	4,800	
1 expert contagious diseases in sheep	200	
1 collaborator, at \$1 per annum	1	
Total	17,331	
CONSTRUCTION OF BUILDINGS AT BETHESDA AND BELTSVILLE.		
Out of Washington:		
1 carpenter	1,140	
1 unskilled laborer	600	
4 unskilled laborers, at \$480 each	1,920	
1 plumber, at \$4.50 per diem (when actually employed)	270	
7 carpenters, at \$3.50 per diem each (when actually employed)	1,960	
1 painter, at \$3.50 per diem (when actually employed)	280	
12 unskilled laborers, at \$1.50 per diem each (when actually employed)	1,200	
Total	7,370	
ADMINISTRATIVE EXPENSES.		
In Washington:		
1 chief, biochemic division	4,000	
1 chief, pathological division	4,000	
1 chief, dairy division	3,500	
1 assistant chief of bureau	3,250	
1 chief, quarantine division	3,000	
1 chief, field-inspection division	3,000	
1 chief, zoological division	3,000	
1 senior biochemist	2,820	
1 clerk	1,000	
1 messenger boy	360	
Total	27,930	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
NOTE 3.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):			
Estimates, "Inspection and quarantine, 1915," \$640,520.	Appropriation, "Inspection and quarantine, 1913," \$600,000.		
Salaries..... \$438,520.00	Salaries..... \$400,356.70		
As follows:	As follows:		
1 assistant chief, quarantine division, at \$2,250.	1 assistant chief, quarantine division, at \$2,250.		
1 veterinary inspector, at \$2,500.	1 veterinary inspector, at \$2,750.		
4 veterinary inspectors, at \$2,250 each.	4 veterinary inspectors, at \$2,250 each.		
3 veterinary inspectors, at \$2,220 each.	6 veterinary inspectors, at \$2,000 each.		
4 veterinary inspectors, at \$2,000 each.	46 veterinary inspectors, at \$1,800 each.		
1 veterinary inspector, at \$1,920.	57 veterinary inspectors, at \$1,600 each.		
2 veterinary inspectors, at \$1,900 each.	51 veterinary inspectors, at \$1,400 each.		
127 veterinary inspectors, at \$1,800 each.	2 veterinary inspectors, at \$8 per diem each.		
3 veterinary inspectors, at \$1,700 each.	1 veterinary inspector, at \$3 per diem.		
29 veterinary inspectors, at \$1,620 each.	1 agent in scabies eradication, at \$1,200.		
4 veterinary inspectors, at \$1,600 each.	20 agents in scabies eradication, at \$1,000 each.		
5 veterinary inspectors, at \$1,400 each.	1 agent in scabies eradication, at \$900.		
2 veterinary inspectors, at \$8 per diem each.	2 agents in scabies eradication, at \$840 each.		
1 veterinary inspector, at \$3 per diem.	5 agents in scabies eradication, at \$720 each.		
1 agent in scabies eradication, at \$1,200.	12 stock examiners, at \$1,200 each.		
19 agents in scabies eradication, at \$1,000 each.	1 stock examiner, at \$1,140.		
1 agent in scabies eradication, at \$900.	5 stock examiners, at \$1,000 each.		
1 agent in scabies eradication, at \$840.	3 field-stock examiners, at \$1,200 each.		
4 agents in scabies eradication, at \$720 each.	1 field-stock examiner, at \$1,000.		
31 stock examiners, at \$1,200 each.	1 live-stock inspector, at \$2,000.		
2 stock examiners, at \$1,140 each.	1 live-stock inspector, at \$1,600.		
12 stock examiners, at \$1,100 each.	1 live-stock inspector, at \$1,200.		
4 stock examiners, at \$1,000 each.	1 live-stock agent, at \$1,200.		
1 stock examiner, at \$900.	1 traveling inspector, at \$1,400.		
4 field-stock examiners, at \$1,200 each.	1 vessel inspector, at \$1,200.		
1 live-stock inspector, at \$2,000.	1 agent, at \$1,000.		
1 live-stock inspector, at \$1,600.	3 agents, at \$6 per diem each.		
1 live-stock inspector, at \$1,200.	1 special agent, at \$1,200.		
1 live-stock agent, at \$1,200.	2 inspector's assistants, at \$1,000 each.		
1 traveling inspector, at \$1,400.	2 inspector's assistants, at \$960 each.		
1 vessel inspector, at \$1,200.	3 inspector's assistants, at \$900 each.		
2 agents, at \$1,000 each.	4 inspector's assistants, at \$840 each.		
4 agents, at \$840 each.	1 quarantine assistant, at \$900.		
3 agents, at \$6 per diem each.	1 superintendent of construction, at \$1,800.		
1 special agent, at \$1,200.	1 clerk, at \$1,000.		
3 inspector's assistants, at \$1,200 each.	1 skilled laborer, at \$1,000.		
25 inspector's assistants, at \$1,000 each.	1 skilled laborer, at \$900.		
5 inspector's assistants, at \$960 each.	2 unskilled laborers, at \$50 per month each.		
2 inspector's assistants, at \$900 each.			
4 inspector's assistants, at \$840 each.			
1 quarantine assistant, at \$900.			
1 superintendent of construction, at \$1,800.			
1 skilled laborer, at \$1,000.			
1 skilled laborer, at \$900.			
2 unskilled laborers, at \$50 per month each.			
3 carpenters, at \$3.50 per diem each.			
1 meat inspector, at \$1,100.			
Traveling expenses..... 165,000.00	Traveling expenses..... 157,610.04		
Supplies and equipment..... 12,060.00	Supplies and equipment..... 10,594.04		
Miscellaneous expenses..... 25,090.00	Miscellaneous expenses..... 25,676.41		
Total estimate, 1915..... 640,520.00	Total expenditure, 1913..... 594,237.19		
Total appropriation, 1914..... 579,000.00			
Increase..... 61,520.00			
Estimates, "Eradicating cattle ticks, 1915," \$400,000.	Appropriation, "Eradicating cattle ticks, 1913," \$250,000.		
Salaries..... \$245,000.00	Salaries..... \$163,281.84		
As follows:	As follows:		
3 veterinary inspectors, at \$2,460 each.	4 veterinary inspectors, at \$2,250 each.		
3 veterinary inspectors, at \$2,250 each.	1 veterinary inspector, at \$2,000.		
1 veterinary inspector, at \$2,220.	11 veterinary inspectors, at \$1,800 each.		
1 veterinary inspector, at \$2,040.	27 veterinary inspectors, at \$1,600 each.		
1 veterinary inspector, at \$1,980.	37 veterinary inspectors, at \$1,400 each.		
14 veterinary inspectors, at \$1,800 each.	1 agent in tick eradication, at \$1,800.		
14 veterinary inspectors, at \$1,620 each.	1 agent in tick eradication, at \$1,200.		
24 veterinary inspectors, at \$1,600 each.	15 agents in tick eradication, at \$1,000 each.		
29 veterinary inspectors, at \$1,400 each.	15 agents in tick eradication, at \$960 each.		
2 agents in tick eradication, at \$1,800 each.	8 agents in tick eradication, at \$900 each.		
	23 agents in tick eradication, at \$840 each.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
Estimates, "Eradicating cattle ticks, 1915," \$400,000			
Salaries, as follows—Continued. 1 agent in tick eradication, at \$1,200. 15 agents in tick eradication, at \$1,000 each. 14 agents in tick eradication, at \$960 each. 8 agents in tick eradication, at \$900 each. 32 agents in tick eradication, at \$840 each. 4 agents in tick eradication, at \$60 per annum each. 1 agent, at \$1,000. 1 agent, at \$900. 1 agent, at \$840. 1 agent, at \$60 per annum. 1 laboratory helper, at \$600. 1 inspector's assistant, at \$840. 2 unskilled laborers, at \$2.50 per diem each (when actually employed). Traveling expenses..... \$87,000.00 Supplies and equipment..... 15,000.00 Miscellaneous expenses..... 53,000.00 Total estimate, 1915..... 400,000.00 Total appropriation, 1914..... 325,000.00 Increase..... 75,000.00			
Appropriation, "Eradicating cattle ticks, 1915," \$250,000.			
Salaries, as follows—Continued. 4 agents in tick eradication, at \$60 per annum each. 13 unskilled laborers, at \$2 per diem each (when actually employed). Traveling expenses..... \$64,592.51 Supplies and equipment..... 13,163.16 Miscellaneous expenses..... 2,554.33 Total expenditures, 1913..... 243,591.84			
Estimates, "Dairy industry, 1915," \$256,490.			
Salaries..... \$170,000.00 As follows: 4 dairymen, at \$2,100 each. 6 dairymen, at \$1,980 each. 5 dairymen, at \$1,800 each. 1 dairyman, at \$1,680. 10 dairymen, at \$1,620 each. 2 dairymen, at \$1,500 each. 1 dairyman, at \$1,440. 1 dairyman, at \$1,320. 1 senior dairyman, at \$2,760. 2 senior dairymen, at \$2,520 each. 1 senior dairyman, at \$2,250. 1 senior dairyman, at \$1,980. 2 junior dairymen, at \$1,620 each. 4 junior dairymen, at \$1,440 each. 3 junior dairymen, at \$1,200 each. 1 under dairyman, at \$1,320. 1 under dairyman, at \$900. 1 assistant dairyman, at \$1,380. 1 assistant in dairying, at \$1,800. 1 assistant in dairying, at \$1,200. 1 assistant in dairying, at \$720. 1 agent in dairying, at \$1,440. 1 agent in dairying, at \$1,400. 2 agents in dairying, at \$1,200 each. 2 agents in dairying, at \$1,000 each. 2 dairy chemists, at \$1,800 each. 1 dairy chemist, at \$1,440. 1 dairy engineer, at \$1,800. 1 scientific assistant in dairying, at \$1,800. 1 scientific assistant in dairying, at \$1,200. 1 scientific assistant in dairying, at \$1,500. 4 scientific assistants in dairying, at \$1,200 each. 1 assistant chemist, at \$1,440. 1 cow tester, at \$75 per month. 1 herdsman, at \$900. 1 specialist in animal husbandry, at \$2,400. 1 technologist, at \$2,220. 1 clerk, at \$1,000. 1 collaborator, at \$5 per diem (temporary). 1 unskilled laborer, at \$720. 1 unskilled laborer, at \$600. 1 unskilled laborer, at \$540. 8 unskilled laborers, at \$480 each. 1 unskilled laborer, at \$360. 1 unskilled laborer, at \$1.50 per diem. Traveling expenses..... 47,000.00 Supplies and equipment..... 36,490.00 Miscellaneous expenses..... 3,000.00 Total estimate, 1915..... 256,490.00 Total appropriations, 1914..... 177,900.00 Increase..... 78,590.00			
Appropriation, "Dairy industry, 1913," \$177,900.			
Salaries..... \$119,892.44 As follows: 1 dairyman, at \$1,980. 10 dairymen, at \$1,800 each. 1 dairyman, at \$1,680. 12 dairymen, at \$1,620 each. 3 dairymen, at \$1,500 each. 1 dairyman, at \$1,440. 1 dairyman, at \$1,320. 1 senior dairyman, at \$2,500. 1 senior dairyman, at \$2,400. 1 senior dairyman, at \$2,250. 2 senior dairymen, at \$2,220 each. 1 senior dairyman, at \$1,980. 3 junior dairymen, at \$1,440 each. 1 junior dairyman, at \$1,400. 7 junior dairymen, at \$1,200 each. 1 under dairyman, at \$900. 1 assistant dairyman, at \$1,380. 1 assistant in dairying, at \$1,800. 1 assistant in dairying, at \$1,200. 2 agents in dairying, at \$1,440 each. 1 agent in dairying, at \$1,400. 2 agents in dairying, at \$1,200 each. 1 agent in dairying, at \$1,000. 1 scientific assistant in dairying, at \$1,620. 1 scientific assistant in dairying, at \$1,200. 1 dairy engineer, at \$1,620. 2 dairy chemists, at \$1,800 each. 1 assistant chemist, at \$1,440. 4 scientific assistants, at \$1,200 each. 1 technologist, at \$2,000. 1 specialist in animal husbandry, at \$2,000. 3 clerks, at \$1,000 each. 1 herdsman, at \$900. 1 agent, at \$900. 1 cow tester, at \$75 per month. 1 carpenter, at \$1,140. 1 collaborator, at \$5 per diem (temporary). 1 unskilled laborer, at \$600. 7 unskilled laborers, at \$480 each. 1 unskilled laborer, at \$360. 5 unskilled laborers, at \$1.50 per diem each. Traveling expenses..... 34,804.59 Supplies and equipment..... 18,889.38 Miscellaneous expenses..... 2,625.56 Total expenditures, 1913..... 176,211.97			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
Cooperative Experiments in Animal Feeding and Breeding —		
<p>For experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including the repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, and the experiments in the breeding of horses for military purposes, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$100,000.]</p>		\$100,000.00
NOTE 1.—The above item has been combined with the subappropriation for animal husbandry under general expenses.		
NOTE 2.—Salaries of animal husbandrymen, experts, laborers, etc., carried on the lump fund named below on Aug. 31, 1913:		
COOPERATIVE EXPERIMENTS IN ANIMAL FEEDING AND BREEDING.		
<p>In Washington: 1 chief, animal husbandry..... \$3,500 1 junior animal husbandryman..... 1,380</p>		
Total..... 4,880		
<p>Out of Washington: 1 animal husbandryman..... 2,000 1 veterinary inspector..... 1,800 2 animal husbandrymen, at \$1,620 each..... 3,240 1 expert groom..... 1,250 1 agent in animal husbandry..... 1,200 1 under animal husbandryman..... 1,020 1 agent in animal husbandry..... 1,000 1 expert in animal nutrition..... 1,000 2 assistant experts in animal nutrition, at \$1,000 each..... 2,000 8 foremen horse breeding, at \$900 each..... 7,200 1 unskilled laborer..... 900 1 carpenter..... 840 1 unskilled laborer..... 840 1 agent in animal husbandry..... 800 1 unskilled laborer..... 780 1 unskilled laborer..... 720 3 carpenters, at \$660 each..... 1,980 6 unskilled laborers, at \$660 each..... 3,960 5 unskilled laborers, at \$600 each..... 3,000 1 expert trainer..... 550 27 unskilled laborers, at \$540 each..... 14,580 1 agent in animal husbandry..... 500 6 unskilled laborers, at \$480 each..... 2,880 2 unskilled laborers, at \$300 each..... 600 1 collaborator..... 100 3 agents in animal husbandry, at \$9 per diem each (when actually employed)..... 315 2 experts in animal husbandry, at \$9 per diem each (when actually employed)..... 396 5 unskilled laborers, at \$1 per diem each (when actually employed)..... 245</p>		
Total..... 55,706		
Meat Inspection, Bureau of Animal Industry —		
<p>For additional expenses in carrying out the provisions of the meat-inspection act of June 30, 1906 (34 Stat. L., p. 674), there is hereby appropriated for the fiscal year ending June 30, [1914] 1915, the sum of [\$200,000;] \$300,000: <i>Provided, That the provisions of the meat-inspection law may be extended to the inspection of reindeer (act Mar. 4, 1913, vol. 37, p. 834, sec. 1).</i></p>	\$300,000.00	200,000.00
<p>Appropriation for 1914..... \$200,000 Estimates for 1914..... \$300,000 Estimates for 1913..... 300,000</p>		
NOTE 1.—There is an increase in the above appropriation of \$100,000. This is to provide an increased inspection force for long and unusual hours; to provide inspection at new establishments; and to provide for increases in salaries for some of the most deserving employees. A proviso has also been added for the inspection of reindeer.		
NOTE 2.—Salaries of veterinary inspectors, laboratory inspectors, meat inspectors, stock examiners, clerks, etc., carried on the lump fund named below on Aug. 31, 1913:		
MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY.		
<p>In Washington: 1 chief, meat inspection division..... \$3,500 1 senior bacteriologist..... 2,820 2 veterinary inspectors, at \$2,750 each..... 5,500 1 veterinary inspector..... 2,500 1 senior biochemist..... 2,500 1 senior bacteriologist..... 2,500 1 senior laboratory inspector..... 2,500 1 senior pathologist..... 2,480 1 bacteriologist..... 2,220 1 pathologist..... 2,220 1 biochemist..... 2,040 1 laboratory inspector..... 2,040 2 bacteriologists, at \$1,980 each..... 3,960 1 assistant in biochemistry..... 1,800 1 senior bacteriologist..... 1,800 1 physiologist..... 1,800 3 laboratory inspectors, at \$1,420 each..... 4,860 3 veterinary inspectors, at \$1,600 each..... 4,800 2 assistant chemists, at \$1,440 each..... 2,880 1 junior laboratory inspector..... 1,400 1 junior laboratory inspector..... 1,320 1 meat inspector..... 1,200 1 assistant chemist..... 1,200 1 clerk..... 1,000 3 clerks, at \$720 each..... 2,160</p>		
Total..... 63,000		

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Meat Inspection, Bureau of Animal Industry—Continued.</i>		
<p>Out of Washington:</p> <p>1 veterinary inspector \$3,500</p> <p>1 veterinary inspector 3,300</p> <p>2 veterinary inspectors, at \$2,750 each 5,500</p> <p>1 traveling inspector 2,750</p> <p>14 veterinary inspectors, at \$2,500 each 35,000</p> <p>1 veterinary inspector 2,460</p> <p>20 veterinary inspectors, at \$2,250 each 45,000</p> <p>1 senior bacteriologist 2,220</p> <p>1 veterinary inspector 2,160</p> <p>1 senior laboratory inspector 2,160</p> <p>1 senior laboratory inspector 2,100</p> <p>47 veterinary inspectors, at \$2,000 each 94,000</p> <p>1 sanitary engineer 2,000</p> <p>1 senior laboratory inspector 1,920</p> <p>42 veterinary inspectors, at \$1,900 each 79,800</p> <p>1 senior laboratory inspector 1,860</p> <p>116 veterinary inspectors, at \$1,800 each 208,800</p> <p>1 inspector 1,800</p> <p>1 laboratory inspector 1,800</p> <p>1 senior laboratory inspector 1,800</p> <p>2 veterinary inspectors, at \$1,620 each 3,240</p> <p>1 junior laboratory inspector 1,620</p> <p>267 veterinary inspectors, at \$1,600 each 427,200</p> <p>2 inspectors, at \$1,600 each 3,200</p> <p>1 traveling meat inspector 1,600</p> <p>1 vessel inspector 1,600</p> <p>1 meat inspector 1,600</p> <p>1 veterinary inspector 1,500</p> <p>216 veterinary inspectors, at \$1,400 each 302,400</p> <p>4 meat inspectors, at \$1,400 each 5,600</p> <p>16 meat inspectors, at \$1,320 each 21,120</p> <p>2 junior laboratory inspectors, at \$1,320 each 2,640</p> <p>732 meat inspectors, at \$1,200 each 878,400</p> <p>131 stock examiners, at \$1,200 each 157,200</p> <p>2 under laboratory inspectors, at \$1,200 each 2,400</p> <p>2 vessel inspectors, at \$1,200 each 2,400</p> <p>30 meat inspectors, at \$1,100 each 33,000</p> <p>171 meat inspectors, at \$1,000 each 171,000</p> <p>18 stock examiners, at \$1,000 each 18,000</p> <p>74 inspector's assistants, at \$1,000 each 74,000</p> <p>2 clerks, at \$1,000 each 2,000</p> <p>116 inspector's assistants, at \$960 each 111,360</p> <p>10 inspector's assistants, at \$900 each 9,000</p> <p>1 skilled laborer 900</p> <p>1 assistant microscopist 900</p> <p>208 inspector's assistants, at \$840 each 174,720</p> <p>1 assistant microscopist 600</p> <p>Total 2,909,130</p>		

NOTE 3.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):

Estimates, "Meat inspection, 1915," \$3,300,000.	Appropriation, "Meat inspection, 1913," \$3,000,000.
<p>Salaries..... \$3,121,000.00</p> <p>As follows:</p> <p>1 chief of meat inspection division, at \$3,500.</p> <p>1 veterinary inspector, at \$3,500.</p> <p>1 veterinary inspector, at \$3,300.</p> <p>4 veterinary inspectors, at \$2,750 each.</p> <p>14 veterinary inspectors, at \$2,500 each.</p> <p>1 veterinary inspector, at \$2,460.</p> <p>20 veterinary inspectors, at \$2,250 each.</p> <p>1 veterinary inspector, at \$2,160.</p> <p>47 veterinary inspectors, at \$2,000 each.</p> <p>42 veterinary inspectors, at \$1,900 each.</p> <p>312 veterinary inspectors, at \$1,800 each.</p> <p>2 veterinary inspectors, at \$1,620 each.</p> <p>181 veterinary inspectors, at \$1,600 each.</p> <p>141 veterinary inspectors, at \$1,500 each.</p> <p>141 veterinary inspectors, at \$1,400 each.</p> <p>1 meat inspector, at \$1,600.</p> <p>39 meat inspectors, at \$1,400 each.</p> <p>16 meat inspectors, at \$1,320 each.</p> <p>826 meat inspectors, at \$1,200 each.</p> <p>115 meat inspectors, at \$1,000 each.</p> <p>131 stock examiners, at \$1,200 each.</p> <p>23 stock examiners, at \$1,100 each.</p> <p>31 inspector's assistants, at \$1,100 each.</p> <p>237 inspector's assistants, at \$1,000 each.</p> <p>152 inspector's assistants, at \$960 each.</p> <p>3 clerks, at \$1,000 each.</p> <p>3 clerks, at \$720 each.</p> <p>1 biochemist, at \$2,040.</p> <p>1 senior biochemist, at \$2,500.</p> <p>1 assistant in biochemistry, at \$1,800.</p> <p>1 bacteriologist, at \$2,220.</p> <p>2 bacteriologists, at \$1,980 each.</p> <p>1 senior bacteriologist, at \$2,820.</p> <p>1 senior bacteriologist, at \$2,500.</p> <p>1 senior bacteriologist, at \$2,220.</p> <p>1 senior bacteriologist, at \$1,800.</p> <p>1 inspector, at \$1,800.</p>	<p>Salaries..... \$2,841,919.00</p> <p>As follows:</p> <p>1 chief of meat inspection division, at \$3,500.</p> <p>1 veterinary inspector, at \$3,500.</p> <p>1 veterinary inspector, at \$3,300.</p> <p>5 veterinary inspectors, at \$2,750 each.</p> <p>12 veterinary inspectors, at \$2,500 each.</p> <p>23 veterinary inspectors, at \$2,250 each.</p> <p>1 veterinary inspector, at \$2,160.</p> <p>50 veterinary inspectors, at \$2,000 each.</p> <p>1 veterinary inspector, at \$1,980.</p> <p>41 veterinary inspectors, at \$1,900 each.</p> <p>129 veterinary inspectors, at \$1,800 each.</p> <p>287 veterinary inspectors, at \$1,600 each.</p> <p>1 veterinary inspector, at \$1,500.</p> <p>214 veterinary inspectors, at \$1,400 each.</p> <p>2 meat inspectors, at \$1,600 each.</p> <p>4 meat inspectors, at \$1,400 each.</p> <p>16 meat inspectors, at \$1,320 each.</p> <p>739 meat inspectors, at \$1,200 each.</p> <p>30 meat inspectors, at \$1,100 each.</p> <p>153 meat inspectors, at \$1,000 each.</p> <p>149 stock examiners, at \$1,200 each.</p> <p>20 stock examiners, at \$1,000 each.</p> <p>1 stock examiner, at \$900.</p> <p>84 inspector's assistants, at \$1,000 each.</p> <p>125 inspector's assistants, at \$960 each.</p> <p>11 inspector's assistants, at \$900 each.</p> <p>191 inspector's assistants, at \$840 each.</p> <p>3 clerks, at \$1,000 each.</p> <p>5 clerks, at \$840 each.</p> <p>3 clerks, at \$720 each.</p> <p>1 biochemist, at \$1,800.</p> <p>1 senior biochemist, at \$2,500.</p> <p>1 assistant in biochemistry, at \$1,800.</p> <p>3 bacteriologists, at \$1,980 each.</p> <p>1 senior bacteriologist, at \$2,750.</p> <p>1 senior bacteriologist, at \$2,500.</p> <p>1 senior bacteriologist, at \$2,220.</p>

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Meat Inspection, Bureau of Animal Industry—Continued.</i>			
Estimates, "Meat inspection, 1915," \$3,300,000.	Appropriation, "Meat inspection, 1913," \$3,000,000.		
Salaries, as follows—Continued. 2 inspectors, at \$1,600 each. 1 traveling inspector, at \$2,750. 1 traveling meat inspector, at \$1,600. 1 laboratory inspector, at \$2,040. 1 laboratory inspector, at \$1,800. 3 laboratory inspectors, at \$1,620 each. 1 junior laboratory inspector, at \$1,620. 1 junior laboratory inspector, at \$1,400. 1 junior laboratory inspector, at \$1,320. 1 senior laboratory inspector, at \$2,500. 1 senior laboratory inspector, at \$2,160. 1 senior laboratory inspector, at \$2,100. 1 senior laboratory inspector, at \$1,920. 1 senior laboratory inspector, at \$1,860. 1 senior laboratory inspector, at \$1,800. 2 under laboratory inspectors, at \$1,200 each. 1 skilled laborer, at \$900. 1 assistant microscopist, at \$900. 1 assistant microscopist, at \$600. 1 pathologist, at \$2,220. 1 senior pathologist, at \$2,480. 1 physiologist, at \$1,800. 1 vessel inspector, at \$1,600. 2 vessel inspectors, at \$1,200 each. 1 sanitary engineer, at \$2,000. 2 assistant chemists, at \$1,440 each. 1 assistant chemist, at \$1,200. 1 collaborating veterinarian, at \$5 per annum. Traveling expenses..... \$65,000.00 Supplies and equipment..... 60,000.00 Miscellaneous expenses..... 54,000.00 Total estimate, 1915..... 3,300,000.00 Total appropriation, 1914..... 3,200,000.00 Increase..... 100,000.00	Salaries, as follows—Continued. 1 senior bacteriologist, at \$1,300. 3 inspectors, at \$1,800 each. 1 traveling inspector, at \$2,750. 2 laboratory inspectors, at \$1,800 each. 3 laboratory inspectors, at \$1,620 each. 2 junior laboratory assistants, at \$1,400 each. 3 junior laboratory assistants, at \$1,320 each. 1 senior laboratory assistant, at \$2,500. 1 senior laboratory assistant, at \$2,160. 1 senior laboratory assistant, at \$2,100. 1 senior laboratory assistant, at \$1,920. 1 senior laboratory assistant, at \$1,860. 1 senior laboratory assistant, at \$1,800. 2 under laboratory assistants, at \$1,200 each. 1 skilled laborer, at \$900. 1 assistant microscopist, at \$900. 1 assistant microscopist, at \$600. 1 pathologist, at \$2,220. 1 senior pathologist, at \$2,480. 1 physiologist, at \$1,800. 1 vessel inspector, at \$1,600. 2 vessel inspectors, at \$1,200 each. 1 sanitary engineer, at \$2,000. 2 assistant chemists, at \$1,440 each. 1 mechanic, at \$3.50 per diem. 1 collaborating veterinarian, at \$5 per annum. Traveling expenses..... \$49,711.00 Supplies and equipment..... 43,428.05 Miscellaneous expenses..... 39,834.30 Total expenditures, 1913..... 2,974,893.01		
Total for Bureau of Animal Industry, including statutory salaries (increase of \$349,210)		\$2,380,406.00	\$2,031,196.00
BUREAU OF PLANT INDUSTRY.			
<i>Salaries, Bureau of Plant Industry—</i>			
One physiologist and pathologist, who shall be chief of bureau (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1913, vol. 37, p. 834, sec. 1</i>)		\$5,000.00	
One chief clerk (<i>same acts</i>)		2,750.00	
One executive assistant in seed distribution (<i>same acts</i>)		2,500.00	
One officer in charge of publications (<i>same acts</i>)		2,250.00	
One landscape gardener (<i>same acts</i>)		1,800.00	
One officer in charge of records (increase of \$150 submitted) (<i>same acts</i>)		2,250.00	
NOTE.—The present incumbent of this position has been connected with the bureau for a long time, is highly efficient and deserves the small increase recommended, especially in view of the fact that the administrative auditing is now done in the bureau.			
One superintendent of seed weighing and mailing (<i>same acts</i>)		2,000.00	
One executive clerk (<i>same acts</i>)		2,250.00	
Three executive clerks, at \$1,980 each (<i>same acts</i>)		5,940.00	
One assistant superintendent of seed warehouse (<i>same acts</i>)		1,400.00	
One seed inspector (<i>same acts</i>)		1,000.00	
Nine clerks, class 4 (<i>same acts</i>)		16,200.00	

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Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
Fourteen clerks, class 3 (increase of 3, 1 by transfer from the Division of Accounts and 2 by transfer from lump funds) (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1913, vol. 37, p. 834, sec. 1</i>)	\$22,400.00	
Two clerks, at \$1,500 each (<i>same acts</i>)	3,000.00	
Twenty clerks, class 2 (increase of 3 in lieu of 6 clerks, at \$720 each, dropped, making a decrease of \$120) (<i>same acts</i>)	28,000.00	
Fifty-two clerks, class 1 (increase of 3 by transfer from lump fund) (<i>same acts</i>)	62,400.00	
One clerk (<i>same acts</i>)	1,080.00	
Nine clerks, at \$1,020 each (<i>same acts</i>)	9,180.00	
Thirty-three clerks, at \$1,000 each (increase of 2 by transfer from lump funds) (<i>same acts</i>)	33,000.00	
Fifty-five clerks, at \$900 each (increase of 4 by transfer from lump funds) (<i>same acts</i>)	49,500.00	
Thirty clerks, at \$840 each (increase of 6, 1 in lieu of an assistant in illustrations at same salary, and 5 by transfer from lump funds) (<i>same acts</i>)	25,200.00	
Eighteen clerks, at \$720 each (increase of 9 by transfer from lump funds, and decrease of 6 by change to 3 clerks, class 2, as above, making a net increase of 3 in this grade) (<i>same acts</i>)	12,960.00	
One laborer (by transfer from lump fund) (<i>same acts</i>)	780.00	
Forty-two messengers or laborers, at \$720 each (increase of 14 by transfer from lump funds) (<i>same acts</i>)	30,240.00	
Twelve messengers, messenger boys, or laborers, at \$660 each (increase of 1 by transfer from lump funds) (<i>same acts</i>)	7,920.00	
Twenty-six messengers, messenger boys, or laborers, at \$600 each (increase of 6 by transfer from lump fund) (<i>same acts</i>)	15,600.00	
One artist (<i>same acts</i>)	1,620.00	
One clerk or artist (<i>same acts</i>)	1,200.00	
NOTE.—One assistant in illustrations, at \$840, changed to 1 clerk, at \$840, as above		
One photographer (<i>same acts</i>)	1,400.00	
One photographer (<i>same acts</i>)	1,200.00	
One photographer (<i>same acts</i>)	900.00	
One photographer (by transfer from lump fund) (<i>same acts</i>)	840.00	
One laboratory aid (<i>same acts</i>)	1,440.00	
One laboratory aid (<i>same acts</i>)	1,380.00	
Three laboratory aids or clerks, at \$1,200 each (change of title from laboratory aid) (<i>same acts</i>) ..	3,600.00	
One laboratory aid or clerk (change of title from laboratory aid) (<i>same acts</i>)	1,080.00	
Two laboratory aids or clerks, at \$1,020 each (change of title from laboratory aid) (<i>same acts</i>) ..	2,040.00	
Five laboratory aids, at \$840 each (<i>same acts</i>)	4,200.00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
Eight laboratory aids, at \$720 each (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1913, vol. 37, p. 834, sec. 1</i>).....	\$5,760.00	
Six laboratory aids, at \$600 each (<i>same acts</i>).....	3,600.00	
One laboratory apprentice (<i>same acts</i>).....	720.00	
Two map tracers, at \$720 each (<i>same acts</i>).....	1,440.00	
Two map tracers, at \$600 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	1,200.00	
Two gardeners, at \$1,440 each (<i>same acts</i>).....	2,880.00	
Four gardeners, at \$1,200 each (<i>same acts</i>).....	4,800.00	
Eight gardeners, at \$1,100 each (<i>same acts</i>).....	8,800.00	
Fifteen gardeners, at \$900 each (<i>same acts</i>).....	13,500.00	
Nineteen gardeners, at \$780 each (<i>same acts</i>).....	14,820.00	
Two skilled laborers, at \$960 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	1,920.00	
Two skilled laborers, at \$900 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	1,800.00	
Three skilled laborers, at \$840 each (<i>same acts</i>).....	2,520.00	
One assistant in technology (<i>same acts</i>).....	1,400.00	
One assistant in technology (<i>same acts</i>).....	1,380.00	
One mechanical assistant (<i>same acts</i>).....	1,200.00	
One blacksmith (<i>same acts</i>).....	900.00	
One carpenter (<i>same acts</i>).....	900.00	
One painter (<i>same acts</i>).....	900.00	
One teamster (<i>same acts</i>).....	840.00	
One teamster (<i>same acts</i>).....	600.00	
Twenty-one laborers, at \$540 each (increase of 2 by transfer from lump funds) (<i>same acts</i>).....	11,340.00	
Twenty-seven laborers, messengers, or messenger boys, at \$480 each (increase of 3 by transfer from lump funds) (<i>same acts</i>).....	12,960.00	
Four laborers or charwomen, at \$480 each (decrease of 1 by change to 2 charwomen, at \$240 each, as below) (<i>same acts</i>).....	1,920.00	
Two laborers or charwomen, at \$360 each (<i>same acts</i>).....	720.00	

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Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
Two laborers, at \$420 each (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Mar. 4, 1913, vol. 37, p. 834, sec. 1</i>).....	\$840. 00	
Fifteen charwomen, at \$240 each (increase of 7, 2 in lieu of 1 laborer or charwoman, at \$480, dropped as above, and 5 by transfer from lump funds) (<i>same acts</i>).....	3, 600. 00	
Eleven messenger boys, at \$360 each (increase of 3 by transfer from lump funds) (<i>same acts</i>)....	3, 960. 00	
Six messenger boys, at \$300 each (increase of 3 by transfer from lump funds) (<i>same acts</i>).....	1, 800. 00	
	\$476, 520. 00	\$427, 690. 00
Appropriations for 1905..... \$63, 430	Estimates for 1906..... \$68, 730	
Appropriations for 1906..... 157, 860	Estimates for 1907..... 162, 480	
Appropriations for 1907..... 163, 060	Estimates for 1908..... 189, 200	
Appropriations for 1908..... 189, 450	Estimates for 1909..... 187, 410	
Appropriations for 1909..... 187, 410	Estimates for 1910..... 189, 950	
Appropriations for 1910..... 210, 510	Estimates for 1911..... 255, 270	
Appropriations for 1911..... 255, 270	Estimates for 1912..... 330, 320	
Appropriations for 1912..... 330, 470	Estimates for 1913..... 374, 790	
Appropriations for 1913..... 379, 820	Estimates for 1914..... 424, 380	
Appropriations for 1914..... 427, 690	Estimates for 1915..... 476, 520	
NOTE.—Apparent increase, \$48,830; actual increase, \$30, as follows:		
PROMOTION.		
1 officer in charge of records, from \$2,100 to \$2,250.....	\$150. 00	
PLACES DECREASED.		
6 clerks, at \$720 each, changed to 3 clerks, class 2.....	120. 00	
Actual increase.....	30. 00	
TRANSFERRED FROM LUMP FUNDS OF THIS BUREAU, WHICH APPROPRIATIONS HAVE BEEN REDUCED ACCORDINGLY.		
<i>Crop physiology.</i>		
1 photographer.....	\$840. 00	
<i>Drug and other plants.</i>		
1 clerk.....	900. 00	
1 messenger or laborer.....	720. 00	
<i>Cotton standardization.</i>		
1 laborer.....	540. 00	
<i>Grain standardization.</i>		
2 clerks, at \$840 each.....	1, 680. 00	
<i>Seed-testing laboratories.</i>		
1 messenger boy.....	300. 00	
<i>Cereal investigations.</i>		
1 clerk.....	900. 00	
1 clerk.....	840. 00	
1 laborer.....	780. 00	
<i>Paper-plant investigations.</i>		
1 messenger boy.....	360. 00	
<i>Farm-management investigations.</i>		
1 clerk, class 3.....	1, 600. 00	
3 clerks, class 1.....	3, 600. 00	
1 clerk.....	900. 00	
2 clerks, at \$720 each.....	1, 440. 00	
1 messenger or laborer.....	720. 00	
1 laborer.....	660. 00	
1 map tracer.....	600. 00	
1 laborer, messenger, or messenger boy.....	480. 00	
2 charwomen, at \$240 each.....	480. 00	
<i>Farmers' cooperative demonstration work.</i>		
1 clerk.....	1, 000. 00	
6 clerks, at \$720 each.....	4, 320. 00	
1 messenger or laborer.....	720. 00	
1 laborer, messenger, or messenger boy.....	480. 00	
1 charwoman.....	240. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
<i>Western irrigation agriculture.</i>		
6 messengers or laborers, at \$720 each.....	\$4,320.00	
1 messenger boy.....	300.00	
<i>Pomological investigations.</i>		
1 clerk.....	\$40.00	
1 messenger boy.....	360.00	
1 messenger boy.....	300.00	
<i>Horticultural investigations.</i>		
1 clerk.....	900.00	
1 charwoman.....	240.00	
<i>Foreign seeds and plants.</i>		
1 clerk.....	\$40.00	
1 clerk.....	720.00	
3 messengers or laborers, at \$720 each.....	2,160.00	
4 laborers, at \$600 each.....	2,400.00	
1 skilled laborer.....	900.00	
1 laborer.....	540.00	
1 laborer, messenger, or messenger boy.....	480.00	
1 messenger boy.....	360.00	
<i>Administrative and miscellaneous.</i>		
1 clerk, class 3.....	1,600.00	
<i>Congressional seeds.</i>		
1 messenger or laborer.....	720.00	
2 laborers, at \$600 each.....	1,200.00	
1 skilled laborer.....	960.00	
1 charwoman.....	240.00	
<i>Drought-resistant seed distribution.</i>		
1 clerk.....	1,000.00	
1 messenger or laborer.....	720.00	
	<u>\$47,200.00</u>	
<i>Transferred from the Division of Accounts and Disbursements.</i>		
1 clerk, class 3.....	1,600.00	
	<u>\$48,800.00</u>	
Apparent increase.....		48,830.00
<i>General Expenses, Bureau of Plant Industry—</i>		
For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: <i>Provided</i> , That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:		
For investigations of plant diseases [including diseases of ginseng], and pathological collections, [\$30,000;] \$37,000 (<i>act Mar. 4, 1913, vol. 37, pp. 834-836, sec. 1</i>).....		
		\$37,000.00
<p>NOTE.—There is an increase in the above item of \$7,000, as follows:</p> <p>Central laboratory of plant pathology, \$5,000. The crown-gall work has opened up certain lines of research work which require an additional assistant equipped to handle the biochemical problems. The bacteriological and pathological features of the spoiled-corn work are important and pressing. A beginning has been made upon this, but a special assistant is very much needed for this work. Additional equipment, consisting of microscopes, photomicrographic apparatus, electric incubators, uniform temperature chambers, 1 oculating chambers, etc., are needed.</p> <p>Pathological collections, \$1,000. An enlargement of the facilities in this office is required to meet the urgent need of our numerous pathological workers for the maintenance and enlargement of the collections of fungi which are essential to the efficient prosecution of their several lines of work. All of our pathological workers depend upon this office for facilities of this character, and the steady growth and diversification of the research work requires its enlargement.</p> <p>Plant-inspection work, \$1,000. The rapidly increasing plant-introduction work of the department has largely increased the requirements for inspection of such material to determine its freedom from plant disease. Under the plant quarantine act all shipments of plants to the department from foreign countries require such inspection, and the present force is inadequate to handle it.</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
For the control of diseases of orchard and other fruits, [\$40,675] \$52,675 (<i>act Mar. 4, 1913, vol. 37, pp. 834-836, sec. 1</i>).....	\$52,675.00	
<p>NOTE.—There is an increase in the above item of \$12,000, as follows:</p> <p>Office and laboratory, \$1,000. The steady increase of the work of this laboratory necessitates an increase for temporary clerical assistance, stationery, office and laboratory supplies.</p> <p>General orchard diseases, \$1,000. The steadily increasing and urgent demand for information regarding the control of this economic group of diseases makes necessary an increase for field expenses involved in its prosecution.</p> <p>Citrus and subtropical fruit diseases, \$2,500. A beginning has been made upon the investigations of the diseases of citrus and other subtropical fruits in Florida, and additional assistance is required to adequately meet the requirements of this work.</p> <p>Grape and small fruit diseases, \$2,500. The amount available for this project, which covers the diseases of grapes, strawberries, raspberries, blackberries, cranberries, etc., is insufficient to meet the continually enlarging demands. An additional assistant with funds sufficient for his field expenses is required.</p> <p>Spraying demonstrations and experiments, \$2,000. The spraying demonstrations covered by this project is essentially pioneer work and includes the first applications of improved methods of fruit-disease control that have been developed through research work. It is exceedingly valuable and effective and requires some enlargement to meet the present needs.</p> <p>Physiological fruit diseases, \$3,000. The appearance of serious diseases of the type covered by the investigations under this project, especially in the Pacific Northwest, in the very important apple industry of that section, makes an extension of this work necessary.</p>		
For the control of diseases of forest and ornamental trees and shrubs, [\$29,510] <i>including a study of the nature and habits of the parasitic fungi causing the chestnut tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered</i> , \$69,510 (<i>same act</i>).....	69,510.00	
NOTE.—There is an apparent increase of \$40,000 in the above item, and is due to the fact that the appropriation for chestnut tree bark diseases has been transferred to this item and reduced to that amount.		
For the control of diseases of cotton, [truck, and forage crops, and related plants, \$25,000;] <i>potatoes, truck crops, forage crops, drug and related plants, \$42,000 (same act)</i>	42,000.00	
<p>NOTE.—Increase of \$17,000, as follows:</p> <p>Cotton diseases, \$5,000. The enlargement of the pathological work on cotton root rot and wilts in the States of Alabama, Louisiana, Mississippi, and Texas is very greatly needed; also investigations of the new root disease which has appeared in the Egyptian cotton plantings in the southwest.</p> <p>Truck-crop diseases, \$10,000. The serious outbreaks of potato leaf roll, and powdery dry rot in the high plains and Rocky Mountain regions require an adequately organized and equipped attack for their solution. It is proposed to establish a field station for this purpose at some suitable point, probably in the Greeley district of Colorado, in cooperation with the Colorado State Experiment Station, and center this work there. Additional funds are also required for investigating the wilt disease of potatoes in the Delta region of California, and for the prosecution of the work on phytophthora in the North Atlantic States, particularly in Maine. Some enlargement of the spraying work in localities where truck-crop industries are being abandoned because of disease damage is needed. The work on sweet potato diseases and disease-resistance asparagus breeding require some additional funds.</p> <p>Forage-crop diseases, \$2,000. A good beginning has been made on investigations of diseases affecting the cowpea and there is very great need for work on other diseases affecting forage crops, including alfalfa, clover, and velvet beans. The root disease of alfalfa in the southwest calls for a thorough investigation, which it has not been possible to make with the funds available.</p> <p>Transfer from other funds. During the present year \$4,000 was transferred to this item from horticultural investigations, but in future this work will be provided for under the item for cotton truck-disease investigations.</p>		
For investigating the physiology of crop plants and for testing and breeding varieties thereof, [\$33,540] \$44,540 (<i>same act</i>).....	44,540.00	
<p>NOTE.—Apparent increase, \$11,160, but as one photographer at \$840 has been transferred to the statutory roll, there is an actual increase of \$12,000, as follows:</p> <p>Indian cooperation, \$2,000. To extend and make more effective the work conducted with the Indians at Sacoaton, Ariz., Shiprock, N. Mex., Pyramid Lake, Nev., and Palm Springs, Cal., and elsewhere, in connection with the study of the life history of Egyptian and other long-fiber cotton and other dry-land tree crops suited for growth without irrigation.</p> <p>Establishment of date culture and breeding new varieties of dates, \$6,000. For the practical working out of new methods for the rapid propagation of choice varieties which it is impossible to secure in sufficient numbers for commercial planting from the Old World, and the establishment of date culture in the Rio Grande Valley of Texas. A crisis has been reached in the development of the date industry in the Southwest, where it is essential that varieties found adapted shall be propagated in sufficient numbers to permit commercial plantings. Adapted varieties obtainable are certain to be largely planted with resultant disastrous effects.</p> <p>Fig culture, \$1,000. For the breeding and testing of new varieties of figs and capri figs, and the establishment on a commercial basis of new varieties already developed.</p> <p>Breeding hardy citrus fruits, \$2,000. For the further breeding and selection of hardy citrus fruits and the testing in the Gulf States of the Southwest and on the Pacific coast of the large number of new hardy citrus fruits now ready for testing in the field.</p> <p>Miscellaneous, \$1,000. For additional scientific equipment, apparatus, and field expenses.</p>		
For soil-bacteriology and plant-nutrition investigations, [\$30,000;] \$35,000 (<i>same act</i>)	35,000.00	
<p>NOTE.—There is an increase in the above item of \$5,000, as follows:</p> <p>Investigations in soil bacteriology, \$2,500. The enlargement of the scope of the investigations of the causes of the insufficient formation of humus in soils in the Southwest requires an additional laboratory assistant and additional laboratory equipment and pathological work which is of the utmost importance in connection with certain problems that have developed in connection with irrigation agriculture.</p> <p>Plant-nutrition investigations, \$2,500. To determine the principal factors of nutrition on the composition of the seed with special reference to oil-producing seeds, such as soy beans, flax and sunflowers, requires additional funds. As illustrating the importance of this work it may be said that experiments with potassium fertilizers have shown that a deficiency of this element leads to a rapid deterioration of the plant prior to maturity. In the case of tobacco in the South during the last season, it indicates that a more liberal use of potash would probably have increased the value of the flue-cured tobacco crop by a million dollars.</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
General Expenses, Bureau of Plant Industry—Continued.		
For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, [§38,000;] \$45,000 (<i>act Mar. 4, 1913, vol. 37, pp. 834-836, sec. 1</i>). \$45,000. 00		
<p>NOTE.—There is an increase in the above item of \$7,000. A point has been reached in this work where it is necessary to instruct farmers how to select and rogue their fields in order to preserve uniformity and maintain yields of improved varieties of cotton, and additional funds are necessary. This work can be taken up in a preliminary way with local communities where men who have acquired the necessary experience can serve as guides and instructors for the communities.</p>		
[For drug plant, poisonous plant, tea culture, and general physiological and fermentation investigations, \$50,000.]		
<p>For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$59,380 (<i>same act</i>).....</p>	59,380. 00	
<p>NOTE.—This is a rearrangement of the old item with additional phraseology. Apparent increase \$9,380, but as one clerk, at \$900, and one messenger or laborer, at \$720, have been transferred to the statutory roll, the actual increase is \$11,000, as follows:</p>		
<p>Physiological and fermentation investigations. To extend the studies of the physiological factors affecting the keeping qualities of fruits and vegetables with reference to their successful storage, it is necessary to provide an additional well-trained laboratory assistant and more laboratory facilities for the prosecution of the work. This will require \$3,000 additional. The results obtained in the investigations in relation to the oxidizing enzymes to plant conditions indicate the advisability of a more vigorous attack upon this problem in connection with a number of obscure disease conditions. An additional assistant and additional laboratory equipment are needed, for which \$2,500 additional should be provided. A physiological study of the moulds and their relations to the deterioration of seeds and grains requires additional facilities and expenses amounting to \$1,000. A physiological study of the chemical requirements of plants with a view to determining the ways in which plants use the materials of the soil which is one of the fundamental features of agriculture, requires additional greenhouse and laboratory equipment, and additional assistance for which a total of \$3,500 should be provided. Through a physiological study of the immunity of plants to disease it is hoped to obtain information as to how such plants differ from those susceptible to disease, and an addition of \$1,000 is required for this work.</p>		
For crop technological and fiber plant investigations, \$10,010 (<i>same act</i>).....	10,010. 00	
<p>For investigating the ginning, handling, grading, baling, and wrapping of cotton, and the establishment of standards for the different grades thereof, and for carrying into effect the provisions of law relating thereto, [§46,120;] \$30,580: <i>Provided</i>, That of the sum thus appropriated \$10,000 is to be used for testing the waste, tensile strength, and bleaching qualities of the different grades of cotton as standardized by the Government (<i>same act</i>).....</p>	30,580. 00	
<p>NOTE.—There is an apparent decrease in the above item of \$15,540, but as \$25,000 for cooperative cotton marketing has been transferred to the appropriation for office of markets, and 1 laborer, at \$540, has been transferred to the statutory roll, aggregating \$25,540, there is an actual increase of \$10,000. The cotton grading and standardization work has progressed to the point where there is a steadily increasing demand for the grades which are to be had at cost, the proceeds being deposited in the Treasury. To meet this additional demand, which it is expected will largely increase during the coming year, as well as prosecute the necessary experiments in connection with tinges and stains and to provide fireproof storage facilities for the standard grades preserved in vacuum, this additional amount is needed.</p>		
For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, [§65,000;] \$76,320 (<i>same act</i>).....	76,320. 00	
<p>NOTE.—There is an apparent increase in the above item of \$11,320, but as 2 clerks, at \$840 each, \$1,680, have been transferred to the statutory roll, the actual increase is \$13,000, as follows:</p>		
Office and laboratory, \$1,000. Additional clerical assistance in the grain standardization work will be required during the next fiscal year.		
Grain standardization laboratory, \$12,000. Up to the present time practically no work has been done with grains on the Pacific coast, and before standard grades can be established with wheat, oats, barley, a study must be made of the storage, handling, and transporting of grains to that section. The department has been for several years urging the establishment of a laboratory in that region, and it is believed that this should now be done, as there is no laboratory west of Kansas City, Mo. The establishment and maintenance of this laboratory for the next fiscal year will require the amount asked.		
For biophysical investigations in connection with the various lines of work herein authorized, [§20,000;] \$30,000 (<i>same act</i>).....	30,000. 00	
<p>NOTE.—There is an increase in the above item of \$10,000, as follows: Special biophysical investigations, \$5,000. The urgent appeals to the department for an investigation of the cause of "mottle leaf" or chlorosis in citrus orchards in the Southwest made necessary the beginning of an investigation of this problem about two years ago. The investigations thus far made indicate that the trouble is associated with the high lime content and light humus content of the soil. The work has not progressed sufficiently far, however, to make possible any definite recommendation to the growers, and as groves that were highly productive five years ago are being dug up by the owners because of this trouble it is considered advisable to push the work more vigorously than has thus far been possible. The subject is one of the greatest importance in the permanence of irrigation orchards, especially where commercial fertilizers are extensively used.</p>		
Cooperative biophysical investigations, \$5,000. The destructive effect of the low temperatures during the winter of 1912-13, particularly in the West and Southwest, has aroused very great interest in the introduction and improvement of methods of prevention of frost injury to plants. The subject is one which needs investigation both in the field and in the laboratory, and it is desired to undertake it in cooperation with certain State experiment stations.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, [\$26,000:] \$28,700 (act Mar. 4, 1913, vol. 37, pp. 834-836, sec. 1)	\$28,700.00	
<p>NOTE.—There is an apparent increase in the above item of \$2,700, but as 1 messenger boy, at \$300, has been transferred to the statutory roll, the actual increase is \$3,000, as follows:</p> <p>Seed testing, \$1,500. Provision should be made for an additional assistant in this work to meet the growing demands upon the laboratory.</p> <p>Adulterated seed investigations, \$700. This is needed for the purchase of seed in the open market as required in the prosecution of this work.</p> <p>Seed importation act, \$800. The enforcement of the seed importation act of Aug. 24, 1912, requires a considerable increase in work of this office. It is estimated that for supplies, traveling expenses, etc., an increase of this amount will be required.</p>		
For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, <i>and for the investigation and improvement of broom corn and methods of broom-corn production</i> , [\$104,925] \$135,405: Provided, That not less than [\$30,000] \$40,000 shall be set aside for the study of corn improvement and methods of corn production (same act)	135,405.00	
<p>NOTE.—There is an apparent increase in the above item of \$30,480, but as 1 clerk, at \$900, 1 clerk, at \$840, and 1 laborer, at \$780, aggregating \$2,520, have been transferred to the statutory roll, the actual increase is \$33,000, as follows:</p> <p>Office and laboratory, \$2,000. Enlarged demands for clerical assistance and miscellaneous supplies require additional funds.</p> <p>Improvement and production of cereals, etc., \$7,500. For increasing experimental work with wheat, oats, and barley, and the extension of the work to flax for seed production and the effective attack upon the problems connected with broom-corn production.</p> <p>Maintenance of cereal field stations, \$8,500. To make adequate provision for the enlarged work prosecuted at the field stations maintained in connection with the prosecution of these investigations with small grains and the establishment of four field stations for cereal work in cooperation with experiment stations in Southern States.</p> <p>Cereal tillage and rotation, \$1,000. This increase is for traveling expenses to permit the careful supervision of the rotation and tillage experiments and the establishment of temporary headquarters during the growing season at some point in the far West, which will obviate the necessity of travel to and from Washington.</p> <p>Cereal disease investigations, \$4,000. The success obtained in determining methods of control for the common cereal smuts, except that of corn, and the enormous loss resulting from corn smut make it highly important that a full investigation be undertaken at once. Preliminary experiments are under way. Various blights and wilts exist and an additional assistant is needed to effectively prosecute this work.</p> <p>Corn improvement and production, \$10,000. The enlargement of the present lines of investigation which will make it possible to reach in a more comprehensive way the important corn-producing sections is desirable, and the work is prosecuted largely in cooperation with corn growers and local corn producers.</p>		
For the investigation and improvement of tobacco and the methods of tobacco production and handling, [\$31,630:] \$25,000 (same act)	25,000.00	
<p>NOTE.—There is a decrease in the above item of \$6,630. The decrease in this item is due to a proposed modification of the work which will involve the abandonment of some features of the field work, including variety testing, curing, etc., a great deal of this work having reached a point where it is believed that it can be very satisfactorily carried on by the State or local organizations. It is proposed to utilize the funds chiefly for laboratory work, there still being a number of important problems to solve. Experiments will also be made looking to the development of crop rotations which will include tobacco, which has heretofore been grown largely as a special crop.</p>		
[For the investigation and improvement of forage crops and methods of forage-crop production, \$25,000:]		
<p>NOTE.—The above item is omitted and forage-crop work will hereafter be provided under the special seed item.</p>		
[For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, \$10,840:]		
<p>NOTE.—The above item is omitted because of changed economic conditions brought about by the placing of wood pulp on the free list which eases the paper situation so that the demands for substitutes for wood pulp will continue to be less important for a number of years than they have been in the past.</p>		
For the breeding and physiological study of alkali-resistant and drought-resistant crops, [\$19,280:] \$22,280 (same act)	22,280.00	
<p>NOTE.—There is an increase in the above item of \$3,000, as follows:</p> <p>Breeding and physiology of alkali-resistant and drought-resistant plants, \$2,000. To effectively carry on the water requirement experiments and closely related work will require an additional assistant and a considerable increase in field expenses, including additional apparatus, equipment, etc.</p> <p>Egyptian cotton breeding in arid southwest, \$1,000. The rapid development of Egyptian cotton in the Salt River Valley necessitates the continuance and enlargement of the breeding work, together with a competent field assistant to instruct the farmers in methods of roguing their fields so as to secure uniformity of staple and purity of seed.</p>		
[For the investigation and improvement of sugar-producing plants, including their utilization and culture, \$38,595:]		
<i>For beet sugar investigations, including studies of diseases and the improvement of the beet and methods of culture</i> , \$31,495 (same act)	31,495.00	
<p>NOTE.—This is a rearrangement of the old item with a change of phraseology, and carries an apparent decrease of \$7,100, but as there was, during the present year, a transfer of \$1,000 from horticultural investigations for sugar-beet seed work, which amount will not be available during the coming fiscal year, the actual decrease is \$8,100. This decrease is due to the discontinuance of allotment for sugar-cane investigations and work on minor sugar-producing plants, as it is desired to concentrate the work on the sugar beet.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, [§22,000;] \$24,000 (<i>act Mar. 4, 1913, vol. 37, pp. 834-836, sec. 1</i>)	\$24,000.00	
NOTE.—There is an increase in the above item of \$2,000, and is required for the general office and laboratory to provide adequate laboratory and greenhouse facilities for working out the best methods of propagating the highly desirable varieties of blue berries that are resulting from the experimental work under this project.		
To investigate and encourage the adoption of improved methods of farm management and farm practice, and for farm demonstration work, [§375,000;] \$365,520: <i>Provided</i> , That of the amount hereby appropriated the sum of [§8,800;] \$9,180 may be used in the investigation and utilization of cacti and other dry-land plants as food for stock (<i>same act</i>)	365,520.00	
NOTE.—There is an apparent decrease of \$9,480, but as 1 clerk, at \$1,600, 3 clerks, at \$1,200, 1 clerk, at \$900, 2 clerks, at \$720, 1 messenger, at \$720, 1 laborer, at \$660, 1 map tracer, at \$600, 1 laborer, at \$480, and 2 charwomen, at \$240, aggregating \$10,480, have been transferred to the statutory roll, the actual increase is \$1,000, as follows:		
Office administration and records, \$1,000. The very large recent increase in the work of the office of farm management involves some enlargement of the expenses for assistance, office supplies, etc.		
For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, [§375,000;] \$378,240 (<i>same act</i>) ..	378,240.00	
NOTE.—There is an apparent increase in the above item of \$3,240, but as 1 clerk, at \$1,000, 6 clerks, at \$720 each, 1 messenger or laborer, at \$720, 1 laborer, messenger, or messenger boy, at \$480, and 1 charwoman, at \$240, aggregating \$6,760, have been transferred to the statutory roll the actual increase is \$10,000. This increase is to provide for the administration of farmers' cooperative demonstration work, including additional supplies needed, and some addition to the force of assistants. The funds provided for work of this character in the Southern States which require supervision by this office are steadily increasing and appear very likely to do so during the coming year.		
For the investigation and improvement of methods of crop production under semiarid or dry-land conditions, [§130,000;] \$145,000: <i>Provided</i> , That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph (<i>same act</i>)	145,000.00	
NOTE.—There is an increase in the above item of \$15,000, as follows: Administrative expenses, increase of \$1,500. Some additional clerical assistance and additional office supplies will be required for this work on account of its recent enlargement.		
Methods of crop production under semiarid, or dry-land conditions, increase of \$14,000, is required for the enormous increase of the work at the field stations and the proposed work at stations in Texas and Oklahoma, and the inauguration of cooperative work at Archer, Wyo., and Colby, Kans.		
Northern great plains field station, decrease of \$500, which is due to the fact that the station is now fairly well established, so that some reduction in its initial expenditure can be made.		
[For studying methods of clearing off "logged off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise, \$5,000;]		
NOTE.—The above item has been omitted because the statistical data needed in connection with the project has been obtained, and because the amount specified is not sufficient to undertake investigational and demonstration work.		
For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation act, and other areas in the arid and semiarid regions, [§75,000;] \$70,380 (<i>same act</i>)	70,380.00	
NOTE.—There is an apparent decrease of \$4,620, but as six messengers, at \$720, and one messenger boy, at \$300, aggregating \$4,620, have been transferred to the statutory roll, there is no change in this item.		
For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, [§92,000;] \$107,500 (<i>same act</i>) ..	107,500.00	
NOTE.—There is an apparent increase in the above item of \$15,500, but as one clerk, at \$840, one messenger boy, at \$360, and one messenger boy, at \$300, aggregating \$1,500, have been transferred to the statutory roll, the actual increase is \$17,000, as follows:		
Office and laboratory, \$1,500, which is needed to provide additional assistance and office supplies.		
Fruit transportation and storage investigations, \$5,000. This is desired to make possible a more effective study of the problems involved in the safe carriage of fruit in transit to foreign countries in connection with export shipments; and the provision of additional laboratory facilities for necessary experimental work in fruit refrigeration including some increase for field expenses due to the enlarged activities in this work.		
Viticultural investigations, \$1,000, which is required for the normal growth and extension of this important feature of the work.		
Fruit production investigations, \$2,500, which is needed to make possible a satisfactory prosecution of the investigations of the subtropical fruits and the provision for an additional assistant for general field work.		
Nut culture investigations, \$2,000, which is needed for an additional assistant to meet the needs for field work with pecan and walnut investigations.		
Pomological breeding investigations, \$2,000, which is needed for the normal expansion and increase of important lines of fruit-breeding work already under way.		
Miscellaneous pomological investigations, \$500, which is needed for the increased activities in miscellaneous work, especially for work on the improvement of the native persimmon.		
Fruit history investigations, \$250, which is needed for traveling expenses.		
Fruit nomenclature investigations, \$750, which is needed for clerical assistance and traveling expenses.		
Fruit identification investigations, \$1,500, which is needed for an additional assistant in the fruit identification work, the demands for which to meet the needs of farmers and fruit growers are increasingly heavy.		
To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, \$11,690 (<i>same act</i>)	11,690.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.																																												
<i>General Expenses, Bureau of Plant Industry—Continued.</i>																																														
<p>For horticultural investigations, including the study of producing, handling, shipping, and marketing truck and related crops, including the continuance of the potato and sugar-beet seed work provided for in the agricultural act of August 10, 1912 (37 Stat. L., p. 301), and the study of landscape and vegetable gardening, floriculture, and related subjects, \$50,960: <i>Provided, That of this amount \$10,000 may be used to investigate the diseases, cultivation, and acclimating of potatoes, and the development of improved and disease-resistant types thereof.</i></p> <p><i>For horticultural investigations, including the study of producing, handling, and shipping truck and related crops, including potatoes, and the study of landscape and vegetable gardening, floriculture, and related subjects, \$56,320; (act Mar. 4, 1913, vol. 37, pp. 834-836, sec. 1)</i>.....</p>	\$56,320.00																																													
<p>NOTE.—This is a rearrangement of the old item, with changed phraseology, and carries an apparent increase of \$5,360; but, as one clerk, at \$900, and one charwoman, at \$240, have been transferred to the statutory roll, and there is made available for horticultural investigations \$4,000, which, during the present year, was transferred to cotton and truck disease investigations, and \$1,000 transferred to sugar-plant investigations for potato and sugar-beet seed work in irrigated regions of the West (Jerome, Idaho, station), the actual increase is \$11,500, as follows:</p> <p>Truck crop investigations, \$1,000, which is required for the normal expansion of the varied lines of work included under this project.</p> <p>Landscape gardening, etc., \$500, which is needed for equipment and field expenses.</p> <p>Irish potato investigations, \$10,000. The Irish potato investigations which have heretofore been prosecuted under several projects, have been consolidated into a single project in the interest of simpler administration and more effective prosecution of this work. The amount allotted to this work for the present year, including the establishment and maintenance of the potato field station in Idaho, is \$20,000. To properly man and develop this work which involves the continuance of the development of disease-resistant types and strains, the testing of varieties best adapted for truck growing, the determination of localities best adapted to seed-potato production, the breeding of sorts better adapted to American conditions than those now in existence, including the testing in different potato regions of many thousands of new seedlings that have been bred in this work, will require the above increase.</p>																																														
<p>For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved April 18, 1900, \$15,000 (<i>same act</i>).....</p>	15,000.00																																													
<p>For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, \$83,000; \$81,100 (<i>same act</i>).....</p>	81,100.00																																													
<p>NOTE.—There is an apparent decrease in the above item of \$1,900, but as one clerk at \$840, one clerk at \$720, three messengers at \$720, four laborers at \$600, one laborer at \$900, one laborer at \$540, one laborer at \$480, and one messenger boy at \$360, amounting to \$8,400, have been transferred to the statutory roll, there is an actual increase of \$6,500, to provide for work of hulk propagation, now carried on under purchase and distribution of valuable seeds.</p>																																														
<p><i>For the purchase, propagation, testing, and distribution of new and rare seeds, and for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, \$175,000: Provided, That of this amount not to exceed \$100,000 may be used for the purchase and distribution of such new and rare seeds (same act)</i>.....</p>	175,000.00																																													
<p>NOTE.—This item is new and takes the place of the paragraph for forage crop investigations, \$25,000, and for the purchase and distribution of valuable seeds, \$296,000, making a decrease of \$146,000. It is the idea of this wording to enable the Secretary of Agriculture to return, in the handling of the appropriation for the purchase and distribution of valuable seeds, to the original idea of the founders of this movement, namely, to distribute new and rare seeds of special value to agriculture, and at the same time extend the field of the appropriation to cover the improvement of grasses, alfalfa, clover, and other forage crops, and to make special provision for the amount which may be used for the purchase and distribution of such new and rare seeds. The success attained in the distribution of the dry-land seeds under the proviso in the last appropriation act has clearly demonstrated the advantages to be derived from an arrangement which will permit of distributing such seeds in sufficient quantity to enable the cultivators to plant an area large enough to enable them to determine the value and possibility of economically cultivating and harvesting the new crop.</p>																																														
<p>For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$35,690; \$32,490 (<i>same act</i>).....</p>	32,490.00																																													
<p>NOTE.—There is an apparent decrease in the above item of \$3,200, but as one clerk, at \$1,600, has been transferred to the statutory roll of this bureau, and one clerk, at \$1,600, to the statutory roll of the Secretary's office, there is no change in this subappropriation.</p>																																														
<p>In all, for general expenses, \$1,944,305; \$2,237,135 (increase of \$292,830).....</p>	\$2,237,135.00	\$1,944,305.00																																												
<table><tr><td>Appropriations for 1905.....</td><td>\$366,000</td><td>Estimates for 1906.....</td><td>\$378,000</td></tr><tr><td>Deficiency act.....</td><td>2,500</td><td></td><td></td></tr><tr><td>Appropriations for 1906.....</td><td>376,100</td><td>Estimates for 1907.....</td><td>541,460</td></tr><tr><td>Appropriations for 1907.....</td><td>495,260</td><td>Estimates for 1908.....</td><td>584,780</td></tr><tr><td>Appropriations for 1908.....</td><td>584,780</td><td>Estimates for 1909.....</td><td>666,266</td></tr><tr><td>Appropriations for 1909.....</td><td>896,266</td><td>Estimates for 1910.....</td><td>1,127,006</td></tr><tr><td>Appropriations for 1910.....</td><td>1,180,796</td><td>Estimates for 1911.....</td><td>1,133,346</td></tr><tr><td>Appropriations for 1911.....</td><td>1,193,346</td><td>Estimates for 1912.....</td><td>1,347,326</td></tr><tr><td>Appropriations for 1912.....</td><td>1,441,536</td><td>Estimates for 1913.....</td><td>1,438,590</td></tr><tr><td>Appropriations for 1913.....</td><td>1,658,080</td><td>Estimates for 1914.....</td><td>2,099,680</td></tr><tr><td>Appropriations for 1914.....</td><td>1,944,305</td><td>Estimates for 1915.....</td><td>2,237,135</td></tr></table>	Appropriations for 1905.....	\$366,000	Estimates for 1906.....	\$378,000	Deficiency act.....	2,500			Appropriations for 1906.....	376,100	Estimates for 1907.....	541,460	Appropriations for 1907.....	495,260	Estimates for 1908.....	584,780	Appropriations for 1908.....	584,780	Estimates for 1909.....	666,266	Appropriations for 1909.....	896,266	Estimates for 1910.....	1,127,006	Appropriations for 1910.....	1,180,796	Estimates for 1911.....	1,133,346	Appropriations for 1911.....	1,193,346	Estimates for 1912.....	1,347,326	Appropriations for 1912.....	1,441,536	Estimates for 1913.....	1,438,590	Appropriations for 1913.....	1,658,080	Estimates for 1914.....	2,099,680	Appropriations for 1914.....	1,944,305	Estimates for 1915.....	2,237,135		
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
NOTE 1.—Salaries of plant pathologists, physiologists, pomologists, botanists, experts, special agents, student assistants, laborers, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY.		
PATHOLOGICAL LABORATORY.		
In Washington:		
1 pathologist in charge.....	\$4,000	
1 mycologist.....	2,220	
3 assistant pathologists, at \$1,800 each.....	5,400	
1 assistant mycologist.....	1,800	
1 scientific assistant.....	1,620	
1 scientific assistant.....	1,440	
1 scientific assistant.....	1,380	
1 scientific assistant.....	1,200	
1 botanical translator.....	1,000	
1 pathologist, at \$150 per month.....	1,800	
Total.....	21,860	
Out of Washington:		
1 agent.....	1,200	
1 collaborator and assistant pathologist.....	1	
2 agents, at \$100 per month each (temporary).....	1,490	
1 agent, at \$75 per month (6 months).....	450	
Total.....	3,141	
FRUIT DISEASES.		
In Washington:		
1 pathologist in charge.....	3,240	
1 plant pathologist, at \$3,000 (4 months).....	1,000	
1 plant pathologist.....	2,220	
1 pathologist.....	2,040	
1 assistant pathologist.....	1,800	
1 botanical artist.....	1,800	
2 scientific assistants, at \$1,620 each.....	3,240	
3 scientific assistants, at \$1,440 each.....	4,320	
1 assistant in spraying experiments and demonstrations.....	1,440	
1 assistant in spraying demonstrations, at \$90 per month (3 months).....	270	
Total.....	21,370	
Out of Washington:		
1 plant pathologist.....	2,750	
1 pathologist.....	2,040	
1 unskilled laborer, at \$1.75 per diem (when actually employed).....	600	
Total.....	5,390	
FOREST PATHOLOGY.		
In Washington:		
1 pathologist in charge of forest pathology, at \$3,240 (6 months).....	1,620	
1 pathologist, at \$2,760 (4 months).....	920	
1 forest pathologist.....	2,100	
1 assistant forest pathologist.....	1,980	
1 assistant forest pathologist.....	1,620	
1 scientific assistant in plant pathology, at \$1,200 (6 months).....	600	
1 scientific assistant in mycology, at \$1,200 (6 months).....	600	
Total.....	9,440	
Out of Washington:		
1 forest pathologist.....	2,400	
1 forest pathologist.....	2,100	
1 forest assistant.....	1,620	
1 scientific assistant.....	1,440	
1 scientific assistant.....	1,020	
1 field assistant, at \$70 per month (3 months).....	210	
2 field assistants, at \$70 per month each (2 months).....	280	
1 collaborator, at \$1 per month.....	12	
Total.....	9,082	
COTTON AND TRUCK DISEASES.		
In Washington:		
1 pathologist.....	2,040	
1 pathologist.....	2,000	
1 scientific assistant in sugar plant investigations.....	1,620	
1 scientific assistant in plant pathology.....	1,500	
1 helminthologist, at \$100 per month (3 months).....	300	
1 greenhouse assistant, at \$25 per month.....	300	
1 student assistant, at \$25 per month.....	300	
Total.....	8,060	
Out of Washington:		
1 physiologist.....	2,280	
1 plant pathologist.....	2,240	
1 agent.....	1,000	
1 agent.....	800	
1 collaborator.....	1	
1 assistant in spraying demonstrations, at \$100 per month (3 months).....	300	
1 xyloptomist, at \$100 per month (6 months).....	600	
1 pathologist in potato investigations, at \$75 per month (3 months).....	225	
1 collaborator, at \$25 per month.....	300	
2 collaborators, at \$20 per month each.....	480	
1 collaborator, at \$10 per month (2 months).....	20	
28 collaborators, at \$1 per month each.....	336	
Total.....	8,582	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
CROP PHYSIOLOGY.		
In Washington:		
1 physiologist in charge.....	\$4,000	
1 arboriculturist in dry-land agriculture investigations.....	2,760	
1 botanical assistant.....	1,800	
1 assistant plant propagator.....	1,800	
1 photographer for plant specimens.....	840	
2 student assistants, at \$300 each.....	600	
1 student assistant, at \$25 per month (3 months).....	75	
1 skilled laborer, at \$25 per month (3 months).....	75	
Total.....	<u>11,950</u>	
Out of Washington:		
1 assistant in arboriculture.....	1,800	
1 farm teamster, at \$960 (8 months).....	640	
1 agent.....	900	
2 collaborators, at \$12 each.....	24	
1 agent, at \$60 per month.....	720	
2 collaborators, at \$1 per month each.....	24	
1 agent, at \$5 per diem (60 days).....	300	
1 physiologist, at \$5 per diem (300 days).....	1,500	
1 agent, at \$4 per diem (180 days).....	720	
1 collaborator, at \$3 per diem (100 days).....	300	
1 collaborator, at \$2 per diem (150 days).....	300	
Total.....	<u>7,228</u>	
BACTERIOLOGY AND NUTRITION.		
In Washington:		
1 physiologist in charge.....	3,240	
1 physiologist.....	2,500	
1 assistant physiologist.....	1,800	
1 assistant soil mycologist.....	1,800	
1 scientific assistant.....	1,800	
1 scientific assistant.....	1,620	
1 scientific assistant.....	1,440	
1 assistant physiologist in plant nutrition.....	1,400	
1 scientific assistant.....	1,380	
1 student assistant.....	300	
1 student assistant, at \$25 per month (2 months).....	50	
1 skilled laborer, at \$25 per month (temporary).....	62	
1 unskilled laborer, at \$60 per month (3 months).....	180	
Total.....	<u>17,572</u>	
Out of Washington:		
1 physiologist.....	2,400	
1 unskilled laborer, at 25 cents per hour (when actually employed).....	240	
Total.....	<u>2,640</u>	
CROP ACCLIMATIZATION.		
In Washington:		
1 bionomist.....	3,500	
1 botanist.....	2,700	
1 botanist.....	2,520	
1 scientific assistant.....	1,800	
1 assistant in crop acclimatization.....	1,600	
1 scientific assistant.....	1,380	
1 assistant in crop acclimatization.....	1,140	
1 clerk and scientific assistant in library science.....	1,140	
2 student assistants, at \$25 per month each.....	600	
2 student assistants, at \$25 per month each (3 months).....	150	
1 student assistant, at \$25 per month (10 months).....	250	
Total.....	<u>16,780</u>	
Out of Washington:		
1 plant breeder.....	2,040	
1 agriculturist.....	1,800	
1 assistant agriculturist.....	1,500	
2 assistants in crop acclimatization, at \$900 each.....	1,800	
1 assistant in crop acclimatization.....	840	
1 unskilled laborer, at \$60 per month (6 months).....	360	
2 collaborators, at \$1 per month each.....	24	
1 unskilled laborer, at \$1.25 per diem (120 days).....	150	
Total.....	<u>8,514</u>	
DRUG AND OTHER PLANTS.		
In Washington:		
1 physiologist in charge.....	3,500	
2 physiologists, at \$2,640 each.....	5,280	
1 physiologist.....	2,460	
1 chemical biologist.....	2,400	
1 physiologist.....	2,040	
3 chemical biologists, at \$1,800 each.....	5,400	
1 physiologist.....	1,800	
1 scientific assistant.....	1,800	
1 chemical biologist.....	1,620	
1 clerk (stenographer and typewriter).....	900	
Total.....	<u>27,200</u>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
DRUG AND OTHER PLANTS—continued.		
Out of Washington:		
1 scientific assistant.....	\$1,620	
1 scientific assistant.....	1,500	
1 scientific assistant.....	1,440	
1 expert.....	1,200	
1 unskilled laborer, at \$70 per month (6 months).....	420	
1 unskilled laborer at \$60 per month.....	720	
1 unskilled laborer, at \$60 per month (3 months).....	180	
1 collaborator, at \$25 per month.....	300	
1 collaborator, at \$1 per month.....	12	
1 unskilled laborer, at \$2 per diem (when actually employed).....	156	
Total.....	7,543	
CROP TECHNOLOGY.		
In Washington:		
1 botanist in charge of fiber investigations.....	3,000	
1 plant morphologist.....	2,220	
1 stenographer and typewriter, at \$75 per month (6 months).....	450	
1 skilled laborer, at \$25 per month.....	300	
2 skilled laborers, at \$25 per month each (4 months).....	200	
2 student assistants, at \$25 per month each.....	600	
1 student assistant, at \$25 per month (6 months).....	150	
Total.....	6,920	
COTTON STANDARDIZATION.		
In Washington:		
1 agricultural technologist.....	4,000	
1 technologist.....	2,760	
1 cotton technologist.....	2,220	
1 assistant in agricultural technology.....	2,000	
1 cotton technologist.....	2,000	
1 assistant in agricultural technology.....	1,800	
1 pathologist.....	1,500	
1 scientific assistant.....	1,500	
1 mechanical assistant in agricultural technology.....	1,400	
1 scientific assistant.....	1,400	
1 unskilled laborer, at \$45 per month.....	540	
1 skilled laborer, at \$25 per month (temporary).....	62	
1 skilled laborer, at \$25 per month (2 months).....	50	
1 assistant in agricultural technology, at \$100 per month (6 months).....	600	
5 skilled laborers, at \$25 per month each (3 months).....	375	
Total.....	22,207	
Out of Washington:		
34 cotton samplers, at \$3 per diem each (when actually employed).....	3,400	
1 agent, at \$3 per diem (6 months).....	463	
1 collaborator, at \$25 per month (9 months).....	225	
Total.....	4,093	
GRAIN STANDARDIZATION.		
In Washington:		
1 crop technologist in charge.....	2,750	
1 assistant in grain standardization.....	1,980	
1 assistant in grain standardization.....	1,500	
1 assistant in grain standardization.....	1,440	
1 assistant in grain standardization.....	1,380	
1 aid in grain standardization.....	1,200	
1 scientific assistant in library science.....	1,200	
1 stenographer and typewriter.....	840	
1 stenographer and typewriter, at \$720 (6 months).....	360	
2 clerks, at \$90 per month each (3 months).....	540	
1 draftsman, at \$75 per month (6 months).....	450	
1 skilled laborer, at \$25 per month.....	300	
Total.....	13,940	
Out of Washington:		
2 assistants in grain standardization, at \$1,800 each.....	3,600	
1 assistant in grain standardization.....	1,710	
1 assistant in grain standardization.....	1,620	
1 assistant in grain standardization.....	1,500	
1 assistant in grain standardization.....	1,440	
3 assistants in grain standardization, at \$1,380 each.....	4,140	
1 aid in grain standardization.....	1,200	
1 aid in grain standardization.....	1,140	
5 aids in grain standardization, at \$1,020 each.....	5,100	
1 aid in grain standardization.....	960	
1 aid in grain standardization.....	900	
1 clerk.....	840	
2 collaborators, at \$1 each.....	2	
1 aid in grain standardization, at \$85 per month.....	1,020	
1 student assistant, at \$20 per month.....	240	
Total.....	25,412	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
BIOPHYSICAL INVESTIGATIONS.		
In Washington:		
1 physicist in charge.....	\$4,000	
1 assistant in physical laboratory.....	2,040	
1 laboratory assistant.....	1,920	
1 office and laboratory assistant.....	1,620	
1 mechanical assistant in agricultural technology.....	1,080	
1 student assistant, at \$25 per month.....	300	
Total.....	10,960	
Out of Washington:		
1 agent, at \$70 per month.....	840	
SEED-TESTING LABORATORIES.		
In Washington:		
1 botanist in charge.....	2,750	
1 assistant botanist.....	2,160	
1 scientific assistant in seed testing.....	1,860	
1 scientific assistant in seed testing.....	1,440	
1 scientific assistant in seed testing.....	1,380	
3 scientific assistants in seed testing, at \$1,200 each.....	3,600	
2 scientific assistants in seed testing, at \$1,020 each.....	2,040	
1 messenger boy.....	300	
Total.....	15,530	
Out of Washington:		
1 scientific assistant in seed testing.....	1,380	
1 scientific assistant in seed testing.....	1,200	
1 collaborator.....	12	
4 collaborators, at \$1 per month each.....	48	
6 collaborators, at \$3 per diem each (when actually employed).....	60	
49 collaborators, at 50 cents per hour each (when actually employed).....	490	
Total.....	3,190	
CEREAL INVESTIGATIONS.		
In Washington:		
1 cerealist in charge.....	3,500	
1 agronomist.....	2,520	
1 pathologist in cereal-disease work.....	2,500	
1 agronomist in oat investigations.....	2,520	
1 agronomist in rice investigations.....	2,400	
1 agronomist in barley investigations.....	2,400	
1 agronomist in wheat investigations.....	2,400	
1 agronomist in barley investigations.....	1,980	
2 assistant agronomists, at \$1,800 each.....	3,600	
1 assistant pathologist.....	1,800	
1 scientific assistant in plant breeding.....	1,380	
1 clerk-typewriter.....	840	
1 clerk.....	900	
1 physiologist in charge of corn investigations.....	2,520	
3 physiologists, at \$2,100 each.....	6,300	
2 scientific assistants, at \$1,440 each.....	2,880	
1 assistant in corn investigations.....	1,440	
1 assistant in corn investigations, at \$75 per month (70 days).....	175	
1 assistant in corn investigations, at \$50 per month (4 months).....	200	
1 assistant in corn investigations, at \$50 per month (2½ months).....	125	
Total.....	42,380	
Out of Washington:		
2 assistant agronomists, at \$1,800 each.....	3,600	
1 farm superintendent.....	1,800	
1 plant physiologist.....	1,800	
1 scientific assistant in agronomy.....	1,620	
5 scientific assistants in agronomy, at \$1,440 each.....	7,200	
1 assistant in dry land agriculture.....	1,380	
3 scientific assistants in agronomy, at \$1,320 each.....	3,960	
2 agents, at \$1,200 each.....	2,400	
1 scientific assistant in agronomy.....	1,200	
1 agent.....	1,000	
1 scientific assistant in agronomy.....	600	
6 collaborators, at \$300 each.....	1,800	
1 collaborator.....	1	
1 unskilled laborer, at \$65 per month.....	780	
1 unskilled laborer, at \$60 per month (6 months).....	360	
2 unskilled laborers, at \$60 per month each (4 months).....	480	
1 agent, at \$50 per month.....	600	
1 unskilled laborer, at \$40 per month (6 months).....	240	
1 unskilled laborer, at \$35 per month (3 months).....	105	
2 collaborators, at \$25 per month each.....	600	
5 collaborators, at \$1 per month each.....	60	
1 unskilled laborer, at \$2.50 per diem (when actually employed).....	65	
1 unskilled laborer, at \$1.50 per diem (when actually employed).....	234	
1 unskilled laborer, at \$1.50 per diem (when actually employed).....	156	
1 unskilled laborer, at \$1.25 per diem (when actually employed).....	130	
1 unskilled laborer, at \$1.50 per diem (when actually employed).....	45	
1 agent, at \$50 per month (4 months).....	200	
Total.....	32,416	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
TOBACCO INVESTIGATIONS.		
In Washington:		
1 assistant in botanical laboratory work.....	\$1,500	
Out of Washington:		
1 crop technologist.....	2,250	
1 assistant in tobacco investigations.....	1,800	
2 assistants in tobacco investigations, at \$1,620 each.....	3,240	
1 crop technologist.....	1,620	
1 expert.....	1,500	
1 assistant in tobacco investigations.....	1,500	
1 assistant in tobacco investigations.....	1,440	
2 assistants in tobacco investigations, at \$1,200 each.....	2,400	
1 agent.....	1,200	
1 assistant in tobacco investigations.....	900	
2 collaborators, at \$300 each.....	600	
1 unskilled laborer, at \$60 per month (9 months).....	540	
1 unskilled laborer, at \$40 per month (3 months).....	120	
1 agent, at \$40 per month.....	480	
3 unskilled laborers, at \$35 per month each (9 months).....	945	
3 collaborators, at \$25 per month each.....	900	
1 collaborator, at \$1 per month.....	12	
Total.....	21,447	
FORAGE CROP INVESTIGATIONS.		
In Washington:		
1 agrostologist in charge.....	3,240	
2 agronomists, at \$2,400 each.....	4,800	
1 scientific assistant in agrostology.....	1,620	
Total.....	9,660	
Out of Washington:		
2 assistants in agronomy, at \$1,440 each.....	2,880	
1 scientific assistant in forage crops.....	1,440	
1 scientific assistant in agrostology.....	1,200	
2 collaborators, at \$1 each.....	2	
1 scientific assistant, at \$70 per month (3 months).....	210	
1 scientific assistant, at \$60 per month (6 months).....	360	
1 unskilled laborer, at \$30 per month (3 months).....	90	
1 unskilled laborer, at \$25 per month (4 months).....	100	
1 collaborator, at \$8 per month.....	96	
4 collaborators, at \$1 per month each.....	48	
1 unskilled laborer, at \$2 per diem (when actually employed).....	250	
1 unskilled laborer, at \$1.75 per diem (when actually employed).....	301	
1 unskilled laborer, at \$1.50 per diem (when actually employed).....	100	
1 collaborator, at 50 cents per hour (when actually employed).....	192	
1 collaborator, at 50 cents per hour (when actually employed).....	199	
1 collaborator, at 25 cents per hour (when actually employed).....	38	
Total.....	7,506	
PAPER PLANT INVESTIGATIONS.		
In Washington:		
1 assistant chemist.....	1,800	
1 laboratory assistant.....	900	
1 messenger boy.....	360	
1 carpenter, at \$3.50 per diem (when actually employed).....	546	
Total.....	3,606	
Out of Washington:		
1 collaborator, at \$3 per diem (5 days).....	15	
1 collaborating clerk, at 25 cents per hour (100 hours).....	25	
Total.....	40	
ALKALI AND DROUGHT-RESISTANT PLANTS.		
In Washington:		
1 physiologist in charge.....	3,000	
1 plant physiologist in alkali and drought resistant plant breeding investigations.....	2,760	
1 scientific assistant in plant physiology.....	1,880	
Total.....	7,140	
Out of Washington:		
1 assistant in arboriculture.....	1,800	
1 assistant plant physiologist.....	1,620	
1 physiologist in drought resistant plant breeding investigations, at \$90 per month (3 months).....	270	
1 physiologist in drought resistant plant breeding investigations, at \$70 per month (5 months).....	350	
1 physiologist in drought resistant plant breeding investigations, at \$75 per month (3 months).....	225	
3 unskilled laborers, at \$60 per month each (8 months).....	1,440	
1 unskilled laborer, at \$55 per month (8 months).....	440	
Total.....	6,145	
SUGAR-PLANT INVESTIGATIONS.		
In Washington:		
1 pathologist in charge of cotton and truck and sugar-plant investigations.....	3,240	
1 sugar-cane technologist.....	2,500	
1 pathologist.....	2,040	
1 assistant in sugar-plant investigations.....	1,560	
1 scientific assistant.....	1,440	
1 student assistant, at \$25 per month.....	300	
Total.....	11,080	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
SUGAR-PLANT INVESTIGATIONS—continued.		
Out of Washington:		
1 pathologist.....	\$2,750	
1 plant physiologist.....	2,520	
1 assistant chemist in sugar-plant investigations.....	2,280	
1 physiologist.....	2,280	
1 assistant agronomist.....	1,800	
1 scientific assistant.....	1,620	
1 scientific assistant.....	1,000	
2 unskilled laborers, at \$60 per month each (8 months).....	960	
Total.....	15,210	
TAXONOMIC AND RANGE INVESTIGATIONS.		
In Washington:		
1 botanist in charge.....	3,750	
1 systematic agrostologist.....	2,760	
1 assistant curator.....	1,980	
1 assistant.....	1,800	
1 assistant botanist.....	1,800	
1 scientific assistant.....	1,700	
1 scientific assistant.....	1,620	
1 assistant botanist.....	1,400	
Total.....	16,810	
Out of Washington:		
1 collaborator, at \$25 per month (3 months).....	75	
1 gardener, at \$2 per diem (when actually employed).....	624	
Total.....	699	
FARM MANAGEMENT.		
In Washington:		
1 agriculturist in charge.....	4,000	
3 agriculturists, at \$3,000 each.....	9,000	
3 agriculturists, at \$2,520 each.....	7,560	
1 agriculturist.....	2,460	
3 agriculturists, at \$2,400 each.....	7,200	
1 agriculturist.....	2,250	
1 agriculturist.....	2,220	
1 assistant in dry-land agriculture.....	2,220	
4 agriculturists, at \$2,100 each.....	8,400	
1 agriculturist.....	2,040	
1 agriculturist.....	2,000	
1 farm architect.....	2,000	
1 assistant agriculturist.....	2,060	
1 assistant agriculturist.....	1,800	
1 assistant in farm management.....	1,800	
1 scientific assistant in farm management.....	1,800	
1 assistant in seed distribution.....	1,800	
1 assistant agriculturist.....	1,740	
1 assistant in farm accounting.....	1,620	
1 scientific assistant in farm economics.....	1,620	
2 scientific assistants in farm management, at \$1,620 each.....	3,240	
2 assistants in farm-cost accounting, at \$1,620 each.....	3,240	
1 clerk.....	1,600	
1 scientific assistant in tenant farming.....	1,500	
1 assistant in farm accounting.....	1,440	
4 assistants in farm-cost accounting, at \$1,440 each.....	5,760	
2 scientific assistants in farm management, at \$1,440 each.....	2,880	
1 scientific assistant in farm equipment.....	1,440	
1 scientific assistant in agronomy.....	1,440	
1 scientific assistant in farm management.....	1,200	
1 library assistant in farm management.....	1,200	
1 assistant in farm-cost accounting.....	1,200	
1 expert.....	1,200	
1 computer and tabulator.....	1,200	
2 clerks, at \$1,200 each.....	2,400	
1 draftsman, at \$900 (6 months).....	450	
1 stenographer and typewriter.....	900	
1 stenographer and typewriter.....	840	
1 minor clerk.....	720	
1 skilled laborer.....	720	
1 map tracer.....	600	
1 messenger boy.....	480	
1 charwoman.....	240	
1 unskilled laborer.....	240	
1 translator, at \$100 per month.....	1,200	
1 statistical clerk, at \$75 per month (6 months).....	450	
1 clerk, at \$70 per month (5 months).....	350	
1 clerk, at \$60 per month (5 months).....	300	
1 unskilled laborer, at \$55 per month.....	660	
1 unskilled laborer, at \$55 per month (6 months).....	330	
1 student assistant, at \$25 per month.....	300	
1 skilled laborer, at \$25 per month.....	300	
2 skilled laborers, at \$25 per month each (6 months).....	300	
1 skilled laborer, at \$25 per month (5 months).....	125	
1 agriculturist.....	2,760	
1 agriculturist.....	2,280	
Total.....	111,015	
Out of Washington:		
1 agent.....	2,500	
1 agent.....	2,460	
1 agriculturist.....	2,400	
2 agriculturists, at \$2,220 each.....	4,440	
2 agriculturists, at \$2,000 each.....	4,000	
1 assistant agriculturist.....	2,000	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
FARM MANAGEMENT—continued.		
Out of Washington—Continued.		
1 agent.....	\$1,860	
6 assistant agriculturists, at \$1,800 each.....	10,800	
1 assistant.....	1,800	
1 agent.....	1,740	
1 agent.....	1,650	
1 assistant agriculturist.....	1,620	
1 assistant agriculturist.....	1,500	
1 agriculturist.....	1,500	
10 agents, at \$1,500 each.....	15,000	
2 scientific assistants in farm management, at \$1,440 each.....	2,880	
1 scientific assistant in farm economics.....	1,440	
1 assistant in farm cost accounting.....	1,440	
1 agent.....	1,440	
1 assistant in charge of demonstration clubs in Iowa.....	1,300	
1 agent.....	1,300	
2 agents, at \$1,275 each.....	2,550	
44 agents, at \$1,200 each.....	52,800	
3 scientific assistants in farm management, at \$1,200 each.....	3,600	
1 assistant agriculturist.....	1,200	
4 agents, at \$1,100 each.....	4,400	
1 agent.....	1,080	
1 scientific assistant in farm management.....	1,020	
4 agents, at \$1,000 each.....	4,000	
1 agent.....	950	
1 assistant agriculturist.....	900	
2 agents, at \$900 each.....	1,800	
1 assistant agriculturist.....	800	
6 agents, at \$800 each.....	4,800	
2 agents, at \$750 each.....	1,500	
1 agent.....	675	
2 agents, at \$625 each.....	1,250	
1 scientific assistant in agronomy.....	600	
3 agents, at \$600 each.....	1,800	
7 agents, at \$540 each.....	3,780	
1 agent.....	510	
6 agents, at \$500 each.....	3,000	
4 agents, at \$480 each.....	1,920	
7 agents, at \$300 each.....	2,100	
1 collaborating clerk.....	300	
10 agents, at \$120 each.....	1,200	
1 agriculturist.....	1	
83 collaborators, at \$1 each.....	83	
4 agents, at \$100 per month each.....	4,800	
1 agent, at \$30 per month.....	360	
4 agents, at \$25 per month each.....	1,200	
6 collaborating clerks, at \$25 per month each.....	1,800	
2 collaborators, at \$25 per month each.....	600	
1 skilled laborer, at \$25 per month.....	300	
1 collaborating clerk, at \$22.50 per month.....	270	
1 agent, at \$20 per month.....	240	
6 agents, at \$15 per month each.....	1,080	
1 collaborator, at \$15 per month.....	180	
2 collaborators, at \$1 per month each.....	24	
1 assistant agriculturist, at \$5 per diem (180 days).....	900	
1 assistant agriculturist, at \$5 per diem (20 days).....	100	
1 scientific assistant in farm management, at \$5 per diem (72 days).....	360	
1 skilled mechanic, at \$4 per diem (81 days).....	324	
1 unskilled laborer, at \$1.50 per diem (124 days).....	186	
1 unskilled laborer, at \$1.20 per diem (20 days).....	24	
1 collaborating clerk, at 35 cents per hour (when actually employed).....	75	
2 collaborating clerks, at \$25 per month each.....	600	
1 fence rider, at \$25 per month.....	300	
1 agent, at \$20 per month.....	240	
Total.....	177,652	
FARMERS' COOPERATIVE DEMONSTRATIONS.		
In Washington:		
1 special agent in charge.....	4,000	
1 agriculturist and general assistant.....	3,250	
1 agriculturist.....	2,750	
3 agriculturists and field agents, at \$2,400 each.....	7,200	
1 agriculturist and field agent.....	2,200	
1 assistant in farmers' cooperative demonstration work.....	1,600	
1 clerk.....	1,000	
1 skilled laborer.....	720	
4 typewriter operators, at \$720 each.....	2,880	
2 clerks (typewriter), at \$720 each.....	1,440	
1 messenger boy.....	480	
1 charwoman.....	240	
Total.....	27,760	
Out of Washington:		
1 agent.....	2,500	
4 agents, at \$2,200 each.....	8,800	
1 agent.....	2,050	
5 agents, at \$2,000 each.....	10,000	
4 agents, at \$1,800 each.....	7,200	
4 agents, at \$1,650 each.....	6,720	
9 agents, at \$1,500 each.....	13,500	
4 agents, at \$1,380 each.....	5,520	
1 agent.....	1,320	
3 agents, at \$1,200 each.....	3,600	
1 agent.....	1,000	
1 stenographer and typewriter, at \$900 (6 months).....	450	
5 agents, at \$750 each.....	3,750	
1 agent, at \$700 (about 10 months).....	583	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
FARMERS' COOPERATIVE DEMONSTRATIONS—continued.		
Out of Washington—Continued.		
1 agent.....	\$675	
2 stenographers and typewriters, at \$600 each (6 months).....	600	
1 agent.....	660	
1 agent.....	520	
1 agent, at \$520 (about 11 months).....	477	
1 assistant farm superintendent.....	500	
6 agents, at \$500 each.....	3,000	
43 agents, at \$409 each.....	17,200	
1 agent, at \$400 (about 8 months).....	267	
1 agent.....	360	
2 collaborators, at \$200 each.....	400	
1 collaborator.....	100	
487 collaborators, at \$1 each.....	487	
4 agents, at \$125 per month each.....	6,000	
1 agent, at \$115 per month.....	1,380	
1 agent, at \$100 per month (9 months).....	900	
9 agents, at \$100 per month each.....	10,800	
1 agent, at \$87.50 per month (10 months).....	875	
1 agent, at \$85 per month (10 months).....	850	
1 agent, at \$80 per month.....	960	
2 agents, at \$75 per month each.....	1,800	
1 agent, at \$75 per month (11 months).....	825	
27 agents, at \$75 per month each (9 months).....	18,225	
4 agents, at \$70 per month each (9 months).....	2,520	
1 agent, at \$65 per month (9 months).....	585	
7 agents, at \$62.50 per month each (9 months).....	3,938	
1 agent, at \$60.62 per month (estimated).....	727	
2 agents, at \$60 per month each (9 months).....	1,080	
1 agent, at \$57.50 per month.....	690	
1 agent, at \$56.25 per month (about 10 months).....	563	
1 agent, at \$56.25 per month (about 9 months).....	506	
1 agent, at \$55 per month (11 months).....	605	
1 agent, at \$55 per month (9 months).....	495	
23 agents, at \$50 per month each.....	13,800	
1 agent, at \$50 per month (11 months).....	550	
10 agents, at \$50 per month each (10 months).....	5,000	
25 agents, at \$50 per month each (9 months).....	11,250	
2 agents, at \$50 per month each (7 months).....	700	
3 agents, at \$45 per month each.....	1,620	
1 agent, at \$45 per month (10 months).....	450	
1 agent, at \$45 per month (9 months).....	405	
1 agent, at \$44.41 per month (about 9 months).....	400	
1 agent, at \$42.50 per month (10 months).....	425	
1 agent, at \$41.66 per month (estimated).....	500	
3 agents, at \$40 per month each.....	1,440	
1 agent, at \$40 per month (11 months).....	440	
27 agents, at \$40 per month each (10 months).....	10,800	
30 agents, at \$40 per month each (9 months).....	10,800	
1 agent, at \$40 per month (8 months).....	320	
5 agents, at \$37.50 per month each.....	2,250	
10 agents, at \$37.50 per month each (10 months).....	3,750	
27 agents, at \$37.50 per month each (about 9 months).....	9,112	
1 agent, at \$36.36 per month (about 11 months).....	400	
1 agent, at \$35 per month (11 months).....	385	
8 agents, at \$35 per month each (10 months).....	2,800	
1 agent, at \$35 per month (9 months).....	315	
1 agent, at \$32.50 per month (10 months).....	325	
11 agents, at \$30 per month each.....	3,960	
3 agents, at \$30 per month each (11 months).....	990	
13 agents, at \$30 per month each (10 months).....	3,903	
1 agent, at \$30 per month (9 months).....	270	
1 agent, at \$27.50 per month.....	330	
8 agents, at \$25 per month each.....	2,400	
3 agents, at \$25 per month each (11 months).....	825	
3 agents, at \$25 per month each (10 months).....	750	
3 agents, at \$25 per month each (9 months).....	675	
4 collaborators, at \$25 per month each.....	1,200	
1 collaborator, at \$25 per month (11 months).....	275	
17 collaborators, at \$25 per month each (10 months).....	4,250	
3 agents, at \$25 per month each (9 months).....	675	
3 collaborating clerks, at \$25 per month each.....	900	
1 agent, at \$20 per month.....	240	
1 collaborating clerk, at \$20 per month.....	240	
2 collaborators, at \$20 per month each.....	480	
1 collaborator, at \$20 per month (11 months).....	220	
19 collaborators, at \$20 per month (10 months).....	3,800	
1 collaborator, at \$20 per month (9 months).....	180	
1 collaborator, at \$20 per month (7 months).....	140	
1 collaborator, at \$17.50 per month.....	210	
1 collaborator, at \$17.50 per month (about 9 months).....	157	
1 agent, at \$15 per month.....	180	
3 collaborating clerks, at \$15 per month each.....	540	
3 collaborators, at \$15 per month each (10 months).....	450	
4 collaborators, at \$12.50 per month each (9 months).....	450	
2 collaborating clerks, at \$12 per month each.....	288	
8 collaborating clerks, at \$10 per month each.....	960	
Total.....	254,765	
DRY-LAND AGRICULTURE.		
In Washington:		
1 agriculturist in charge.....	3,750	
1 architect and superintendent of building construction.....	1,500	
Total.....	5,250	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<div> <div>Out of Washington:</div> <div>DRY-LAND AGRICULTURE—continued.</div> </div>		
1 assistant in dry-land agriculture.....	\$2,760	
1 farm superintendent.....	2,500	
1 assistant in dry-land agriculture.....	2,400	
1 scientific assistant in agronomy.....	1,800	
2 farm superintendents, at \$1,800 each.....	3,600	
2 assistants in dry-land agriculture, at \$1,800 each.....	3,600	
1 assistant in dry-land agriculture.....	1,680	
6 assistants in dry-land agriculture, at \$1,620 each.....	9,720	
1 assistant in dry-land agriculture.....	1,560	
4 assistants in dry-land agriculture, at \$1,440 each.....	5,760	
1 scientific assistant in plant physiology.....	1,400	
2 assistants in dry-land agriculture, at \$1,380 each.....	2,760	
2 assistants in dry-land agriculture, at \$1,200 each.....	2,400	
1 collaborator and assistant in dry-land agriculture.....	300	
1 teamster, at \$75 per month (8 months).....	600	
1 unskilled laborer, at \$70 per month (8 months).....	560	
6 unskilled laborers, at \$60 per month each (6 months).....	2,160	
1 teamster, at \$60 per month (8 months).....	480	
4 unskilled laborers, at \$55 per month each (8 months).....	1,760	
6 unskilled laborers, at \$50 per month each (8 months).....	2,400	
2 caretakers and mess cooks, at \$35 per month each (8 months).....	560	
2 caretakers and mess cooks, at \$30 per month each (8 months).....	480	
2 caretakers and mess cooks, at \$25 per month each (8 months).....	400	
1 caretaker and mess cook, at \$20 per month (8 months).....	160	
1 plumber, at \$7.50 per diem (60 days).....	450	
1 bricklaying foreman, at \$4.80 per diem (60 days).....	408	
1 bricklayer, at \$6.40 per diem (30 days).....	192	
1 bricklayer, at \$6 per diem (30 days).....	180	
1 plasterer, at \$5.60 per diem (60 days).....	336	
1 foreman painter, at \$5 per diem (60 days).....	300	
1 concrete foreman, at \$5 per diem (60 days).....	300	
1 foreman of building construction, at \$5 per diem (60 days).....	300	
1 plumber, at \$4.80 per diem (60 days).....	288	
1 bricklayer, at \$4.50 per diem (30 days).....	135	
1 carpenter, at \$4.50 per diem (80 days).....	360	
3 carpenters, at \$4 per diem each (30 days).....	360	
6 carpenters, at \$4 per diem each (40 days).....	960	
2 carpenters, at \$4 per diem each (70 days).....	560	
2 carpenters, at \$4 per diem each (75 days).....	600	
1 carpenter, at \$4 per diem (60 days).....	240	
1 carpenter, at \$3.60 per diem (75 days).....	270	
1 carpenter, at \$3.60 per diem (30 days).....	108	
1 carpenter, at \$3 per diem (40 days).....	120	
1 painter, at \$3 per diem (70 days).....	210	
1 unskilled laborer, at \$2.50 per diem (30 days).....	75	
1 unskilled laborer, at \$2.50 per diem (60 days).....	150	
2 carpenters' helpers, at \$2.50 per diem each (40 days).....	200	
1 plasterers' helper, at \$2.50 per diem (temporary).....	187	
1 mortar mixer, at \$2.50 per diem (60 days).....	150	
1 carpenter's helper, at \$2.50 per diem (temporary).....	113	
1 carpenter, at \$2.50 per diem (temporary).....	112	
1 unskilled laborer, at \$2 per diem (8 months).....	416	
1 unskilled laborer, at \$2 per diem (75 days).....	450	
2 unskilled laborers, at \$2 per diem each (30 days).....	180	
4 unskilled laborers, at \$2 per diem each (30 days).....	720	
1 unskilled laborer, at \$2 per diem (150 days).....	300	
4 unskilled laborers, at \$2 per diem each (60 days).....	480	
1 unskilled laborer, at \$1.50 per diem (50 days).....	75	
1 unskilled laborer, at 75 cents per diem (temporary).....	56	
1 unskilled laborer, at 25 cents per hour (480 hours).....	120	
Total.....	61,961	
<div> <div>In Washington:</div> <div>CLEARING AND UTILIZATION OF LOGGED-OFF LANDS.</div> </div>		
1 agriculturist.....	2,000	
1 scientific assistant in farm management.....	1,200	
Total.....	3,200	
<div> <div>In Washington:</div> <div>WESTERN IRRIGATION AGRICULTURE.</div> </div>		
1 agriculturist in charge.....	3,240	
1 agronomist in grain investigations.....	2,600	
1 assistant in crop acclimatization.....	2,500	
1 assistant agriculturist.....	1,500	
1 messenger boy.....	300	
Total.....	10,140	
Out of Washington:		
1 assistant agriculturist.....	1,800	
4 farm superintendents, at \$1,800 each.....	7,200	
1 farm superintendent.....	1,620	
1 scientific assistant.....	1,440	
2 assistants in dry land agriculture, at \$1,440 each.....	2,880	
1 assistant in arboriculture.....	1,200	
2 unskilled laborers, at \$600 each (9 months).....	990	
2 collaborators, at \$300 each.....	600	
1 farm teamster, at \$80 per month (3 months).....	240	
1 farm teamster, at \$7.5 per month (8 months).....	606	
1 unskilled laborer, at \$62.50 per month (3 months).....	187	
6 unskilled laborers, at \$60 per month each.....	4,320	
1 unskilled laborer, at \$60 per month (10 months).....	600	
1 unskilled laborer, at \$60 per month (9 months).....	540	
7 unskilled laborers, at \$60 per month each (8 months).....	3,360	
1 unskilled laborer, at \$60 per month (3 months).....	180	
1 unskilled laborer, at \$60 per month (2 months).....	120	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
WESTERN IRRIGATION AGRICULTURE—continued.		
Out of Washington—Continued.		
3 unskilled laborers, at \$55 per month each (8 months).....	\$1,320	
1 unskilled laborer, at \$45 per month (8 months).....	360	
1 unskilled laborer, at \$40 per month (8 months).....	320	
1 caretaker and mess cook, at \$35 per month.....	420	
2 caretakers and mess cooks, at \$20 per month each.....	480	
1 caretaker and mess cook, at \$20 per month (9 months).....	180	
1 caretaker and mess cook, at \$15 per month.....	180	
9 unskilled laborers, at \$2.25 per diem each (when actually employed).....	1,053	
1 unskilled laborer, at \$2.20 per diem (when actually employed).....	458	
1 unskilled laborer, at \$2.20 per diem (when actually employed).....	343	
2 unskilled laborers, at \$2 per diem each (when actually employed).....	1,040	
1 unskilled laborer, at \$2 per diem (when actually employed).....	416	
1 unskilled laborer, at \$2 per diem (when actually employed).....	156	
1 unskilled laborer, at \$1.25 per diem (when actually employed).....	390	
Total.....	34,993	
POMOLOGICAL INVESTIGATIONS.		
In Washington:		
1 pomologist and horticulturist.....	4,000	
1 pomologist.....	3,240	
1 pomologist in charge of viticultural investigations.....	2,700	
1 pomologist.....	2,520	
1 pomologist in charge of fruit-production investigations.....	2,520	
1 pomologist in charge of fruit transportation and storage investigations.....	2,520	
1 refrigeration technologist.....	2,500	
1 scientific assistant.....	2,280	
1 pomologist in charge of fruit transportation and storage investigations.....	2,040	
1 assistant pomologist in charge of fruit transportation and storage investigations.....	2,040	
1 pomologist.....	2,000	
1 assistant pomologist in charge of fruit-improvement investigations.....	1,800	
1 assistant pomologist in charge of nut-culture investigations.....	1,800	
1 scientific assistant in pomology.....	1,620	
1 scientific assistant in pomology.....	1,500	
3 scientific assistants, at \$1,440 each.....	4,320	
1 assistant in illustrations.....	1,200	
2 scientific assistants, at \$1,200 each.....	2,400	
1 scientific assistant.....	1,080	
1 clerk (typewriter).....	840	
1 messenger boy.....	360	
1 messenger boy.....	300	
1 unskilled laborer.....	240	
1 assistant in fruit transportation and storage investigations, at \$100 per month (3 months).....	300	
1 assistant in apple storage investigations, at \$100 per month (2 months).....	200	
1 assistant in pomology, at \$75 per month (3 months).....	225	
1 typewriter, at \$75 per month (2 months).....	150	
1 assistant in pomology, at \$60 per month (3 months).....	180	
Total.....	46,875	
Out of Washington:		
1 physiologist in charge of fruit-improvement investigations.....	3,000	
1 viticultural superintendent.....	1,620	
1 scientific assistant.....	1,440	
1 assistant in viticultural investigations.....	1,380	
1 collaborator.....	12	
1 collaborator.....	1	
1 expert in fruit breeding, at \$50 per month.....	600	
1 unskilled laborer, at \$50 per month (3 months).....	150	
1 collaborator, at \$15 per month.....	180	
1 collaborator, at \$1 per month.....	12	
Total.....	8,395	
EXPERIMENTAL GARDENS AND GROUNDS.		
In Washington:		
1 assistant in charge of pathological and physiological plant houses and department grounds.....	2,400	
1 skilled laborer, at \$25 per month (2 months).....	50	
2 carpenters, at \$3.50 per diem each (40 days).....	280	
1 unskilled laborer, at \$2 per diem (30 days).....	60	
Total.....	2,790	
HORTICULTURAL INVESTIGATIONS.		
In Washington:		
1 horticulturist.....	2,760	
1 botanist.....	2,280	
1 assistant horticulturist.....	2,040	
1 assistant horticulturist.....	1,740	
1 scientific assistant.....	1,500	
1 laboratory aid in horticulture.....	900	
1 clerk (stenographer and typewriter).....	900	
1 messenger boy, at \$360 (4 months).....	120	
1 unskilled laborer.....	240	
1 student assistant, at \$25 per month.....	300	
Total.....	12,780	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
HORTICULTURAL INVESTIGATIONS—continued.		
Out of Washington:		
1 assistant horticulturist.....	\$1,800	
1 garden and field station superintendent.....	1,440	
1 collaborator, at \$10 per month.....	120	
1 collaborator, at \$8 per month.....	96	
1 collaborator, at \$2.50 per month.....	30	
1 assistant pathologist.....	1,680	
1 scientific assistant in plant pathology.....	1,500	
1 unskilled laborer, at \$70 per month (4 months).....	280	
1 collaborator, at \$25 per month.....	300	
1 unskilled laborer, at \$2.50 per diem (when actually employed).....	260	
Total.....	7,506	
ARLINGTON FARM.		
Out of Washington:		
1 assistant horticulturist.....	2,100	
1 assistant farm superintendent.....	1,440	
3 unskilled laborers, at \$2 per diem each (when actually employed).....	1,248	
17 unskilled laborers, at \$1.50 per diem each (when actually employed).....	4,032	
Total.....	8,820	
FOREIGN SEED AND PLANT INTRODUCTION.		
In Washington:		
1 agricultural explorer.....	3,240	
1 plant introducer.....	3,240	
1 plant introducer.....	2,400	
1 plant breeder and propagator.....	2,220	
1 botanical assistant.....	2,220	
1 scientific assistant in economic botany.....	1,980	
1 scientific assistant in economic botany.....	1,800	
1 laboratory aid in foreign seed and plant introduction.....	900	
1 clerk (typewriter).....	840	
1 clerk.....	720	
1 typewriter, at \$720 (3 months).....	180	
1 messenger boy.....	480	
1 messenger boy.....	360	
2 stenographers and typewriters, at \$75 per month each (3 months).....	450	
1 typewriter, at \$75 per month (3 months).....	225	
1 unskilled laborer, at \$45 per month.....	540	
Total.....	21,795	
Out of Washington:		
1 agricultural explorer.....	2,500	
1 assistant farm superintendent in charge of plant introduction garden at Chico, Cal.....	1,800	
1 assistant agrostologist.....	1,800	
1 agricultural explorer.....	1,800	
1 plant propagator.....	1,620	
1 assistant farm superintendent.....	1,620	
1 scientific assistant in agrostology.....	1,500	
1 garden and field station superintendent.....	1,440	
1 assistant farm superintendent.....	1,200	
1 plant propagator.....	1,200	
1 skilled laborer.....	900	
1 collaborator.....	50	
8 collaborators, at \$1 each.....	8	
1 unskilled laborer, at \$75 per month (3 months).....	225	
3 unskilled laborers, at \$60 per month each.....	2,160	
4 unskilled laborers, at \$50 per month each.....	2,400	
3 unskilled laborers, at \$50 per month each (8 months).....	1,200	
3 unskilled laborers, at \$40 per month each (6 months).....	720	
2 student assistants, at \$25 per month each.....	600	
1 special agent, at \$5 per month (3 months).....	15	
1 collaborator, at \$1 per month.....	12	
1 expert, at \$4.04 per diem (when actually employed).....	485	
3 unskilled laborers, at \$2 per diem each (when actually employed).....	1,248	
2 unskilled laborers, at \$1.50 per diem each (when actually employed).....	624	
1 unskilled laborer, at 80 cents per diem (when actually employed).....	62	
Total.....	27,189	
ADMINISTRATIVE AND MISCELLANEOUS.		
In Washington:		
1 horticulturist and assistant chief of bureau.....	4,000	
1 scientific assistant in library science.....	1,800	
1 scientific assistant in horticulture.....	1,620	
1 clerk.....	1,600	
1 botanical assistant.....	1,600	
1 clerk, at \$1,400 (6 months).....	700	
1 botanical translator.....	1,000	
1 clerk (typewriter), at \$900 (6 months).....	450	
1 painter, at \$900 (3 months).....	225	
1 unskilled laborer.....	240	
1 consulting pathologist and physiologist.....	1	
1 scientific assistant in seed testing, at \$60 per month (2 months).....	120	
2 skilled laborers, at \$25 per month each.....	600	
1 skilled laborer, at \$25 per month (6 months).....	150	
2 skilled laborers, at \$25 per month each (4 months).....	200	
2 skilled laborers, at \$25 per month each (3 months).....	150	
1 skilled laborer, at \$25 per month (1 month).....	25	
2 student assistants, at \$25 per month each.....	600	
1 student assistant, at \$25 per month (3 months).....	75	
3 painters, at \$3.50 per diem each (when actually employed).....	546	
Total.....	15,702	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
NOTE 2.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):		
Estimates, "Farm management, 1915," \$390,520.	Appropriation, "Farm management, 1913," \$287,500. (Original subappropriation, \$300,000, decreased by transfer of \$12,500 to other subappropriations.)	
<p>Salaries..... \$301,191.00</p> <p>As follows:</p> <p>1 agriculturist, at \$4,000.</p> <p>3 agriculturists, at \$3,000 each.</p> <p>1 agriculturist, at \$2,760.</p> <p>1 agriculturist, at \$2,500.</p> <p>3 agriculturists, at \$2,520 each.</p> <p>1 agriculturist, at \$2,460.</p> <p>4 agriculturists, at \$2,400 each.</p> <p>1 agriculturist, at \$2,280.</p> <p>1 agriculturist, at \$2,250.</p> <p>3 agriculturists, at \$2,220 each.</p> <p>4 agriculturists, at \$2,100 each.</p> <p>1 agriculturist, at \$2,040.</p> <p>3 agriculturists, at \$2,000 each.</p> <p>1 agriculturist, at \$1,800.</p> <p>2 assistant agriculturists, at \$2,000 each.</p> <p>8 assistant agriculturists, at \$1,800 each.</p> <p>1 assistant agriculturist, at \$1,620.</p> <p>1 assistant agriculturist, at \$1,000.</p> <p>1 scientific assistant, at \$1,800.</p> <p>2 scientific assistants, at \$1,620 each.</p> <p>5 scientific assistants, at \$1,500 each.</p> <p>9 scientific assistants, at \$1,440 each.</p> <p>2 scientific assistants, at \$1,200 each.</p> <p>1 scientific assistant, at \$360.</p> <p>1 assistant, at \$2,400.</p> <p>1 assistant, at \$2,220.</p> <p>3 assistants, at \$1,800 each.</p> <p>4 assistants, at \$1,620 each.</p> <p>4 assistants, at \$1,440 each.</p> <p>8 assistants, at \$50 per month each (temporary).</p> <p>1 expert, at \$1,200.</p> <p>1 farm architect, at \$2,000.</p> <p>1 fence rider, at \$300.</p> <p>1 laboratory aid in horticulture, at \$720.</p> <p>1 agent, at \$2,500.</p> <p>1 agent, at \$2,460.</p> <p>1 agent, at \$1,700.</p> <p>1 agent, at \$1,650.</p> <p>12 agents, at \$1,500 each.</p> <p>1 agent, at \$1,440.</p> <p>3 agents, at \$1,300 each.</p> <p>2 agents, at \$1,275 each.</p> <p>50 agents, at \$1,200 each.</p> <p>3 agents, at \$1,100 each.</p> <p>2 agents, at \$1,080 each.</p> <p>1 agent, at \$1,020.</p> <p>4 agents, at \$1,000 each.</p> <p>5 agents, at \$900 each.</p> <p>7 agents, at \$800 each.</p> <p>7 agents, at \$780 each.</p> <p>3 agents, at \$750 each.</p> <p>1 agent, at \$675.</p> <p>1 agent, at \$635.</p> <p>2 agents, at \$625 each.</p> <p>10 agents, at \$600 each.</p> <p>1 agent, at \$567.50.</p> <p>1 agent, at \$562.50.</p> <p>2 agents, at \$561.25 each.</p> <p>3 agents, at \$517.50 each.</p> <p>1 agent, at \$510.</p> <p>14 agents, at \$500 each.</p> <p>1 agent, at \$370.</p> <p>1 agent, at \$360.</p> <p>4 agents, at \$300 each.</p> <p>1 agent, at \$270.</p> <p>2 agents, at \$240 each.</p> <p>1 agent, at \$200.</p> <p>7 agents, at \$180 each.</p> <p>3 agents, at \$54 each.</p> <p>84 collaborators, at \$1 per annum each.</p> <p>1 collaborator, at \$12 per annum.</p> <p>11 collaborating clerks, at \$300 each.</p> <p>1 library assistant, at \$1,200.</p> <p>1 translator, at \$1,200.</p> <p>1 draftsman, at \$1,400.</p> <p>1 draftsman, at \$900.</p> <p>1 student assistant, at \$390.</p> <p>3 clerks, at \$900 each.</p> <p>1 skilled laborer, at \$300.</p> <p>1 janitor, at \$60 per month.</p>	<p>Salaries..... \$219,401.31</p> <p>As follows:</p> <p>1 agriculturist, at \$4,000.</p> <p>3 agriculturists, at \$3,000 each.</p> <p>1 agriculturist, at \$2,760.</p> <p>3 agriculturists, at \$2,520 each.</p> <p>1 agent, at \$2,500.</p> <p>1 agriculturist, at \$2,460.</p> <p>4 agriculturists, at \$2,400 each.</p> <p>1 agriculturist, at \$2,250.</p> <p>3 agriculturists, at \$2,220 each.</p> <p>1 assistant in dry-land agriculture, at \$2,220.</p> <p>4 agriculturists, at \$2,100 each.</p> <p>1 agriculturist, at \$2,040.</p> <p>3 agriculturists, at \$2,000 each.</p> <p>2 assistant agriculturists, at \$2,000 each.</p> <p>1 farm architect, at \$2,000.</p> <p>1 agent, at \$1,860.</p> <p>1 scientific assistant, at \$1,800.</p> <p>1 assistant in farm management, at \$1,800.</p> <p>4 agents, at \$1,800 each.</p> <p>6 assistant agriculturists, at \$1,800 each.</p> <p>1 assistant agriculturist, at \$1,740.</p> <p>1 agent, at \$1,650.</p> <p>1 assistant agriculturist, at \$1,620.</p> <p>3 scientific assistants, at \$1,620 each.</p> <p>3 assistants, at \$1,620 each.</p> <p>1 agriculturist, at \$1,600.</p> <p>1 agent, at \$1,600.</p> <p>1 agent, at \$5 per diem.</p> <p>1 scientific assistant, at \$5 per diem.</p> <p>1 scientific assistant, at \$1,500.</p> <p>6 agents, at \$1,500 each.</p> <p>8 scientific assistants, at \$1,440 each.</p> <p>4 agents, at \$1,440 each.</p> <p>6 assistants, at \$1,440 each.</p> <p>2 clerks, at \$1,400 each.</p> <p>1 special agent, at \$1,400.</p> <p>1 assistant farm superintendent, at \$1,440.</p> <p>2 agents, at \$1,320 each.</p> <p>2 agents, at \$1,300 each.</p> <p>1 assistant agriculturist, at \$1,300.</p> <p>1 assistant, at \$1,300.</p> <p>2 agents, at \$1,275 each.</p> <p>1 skilled mechanic, at \$4 per diem.</p> <p>4 scientific assistants, at \$1,200 each.</p> <p>1 expert, at \$1,200.</p> <p>2 assistants in farm management, at \$1,200 each.</p> <p>5 clerks, at \$1,200 each.</p> <p>51 agents at \$1,200 each.</p> <p>1 translator, at \$1,200.</p> <p>1 assistant agriculturist, at \$1,200.</p> <p>1 statistical clerk, at \$1,200.</p> <p>5 clerks (stenographers and typewriters), at \$1,200 each.</p> <p>1 entomological assistant, at \$1,200.</p> <p>1 laboratory assistant, at \$1,200.</p> <p>1 compositor and tabulator, at \$1,200.</p> <p>1 botanical assistant, at \$1,200.</p> <p>4 agents, at \$1,100 each.</p> <p>2 agents, at \$1,080 each.</p> <p>1 agent, at \$1,050.</p> <p>1 scientific assistant, at \$1,020.</p> <p>4 clerks, at \$1,000 each.</p> <p>4 agents, at \$1,000 each.</p> <p>2 stenographers and typewriters, at \$1,000 each.</p> <p>1 agent, at \$80.85 per month.</p> <p>1 agent, at \$950.</p> <p>1 scientific assistant, at \$900.</p> <p>1 assistant in farm management, at \$900.</p> <p>2 clerks, at \$900 each.</p> <p>4 agents, at \$900 each.</p> <p>1 assistant agriculturist, at \$900.</p> <p>1 draftsman, at \$900.</p> <p>3 stenographers and typewriters, at \$900 each.</p> <p>1 assistant photographer, at \$900.</p> <p>2 clerks, at \$840 each.</p> <p>5 agents, at \$800 each.</p> <p>1 assistant agriculturist, at \$800.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Estimates, "Farm management, 1915," \$390,520.	Appropriation, "Farm management, 1913," \$287,500. (Original subappropriation, \$300,000, decreased by transfer of \$12,500 to other subappropriations.)		
	Salaries, as follows—Continued. 3 agents, at \$750 each. 7 clerks, at \$720 each. 1 skilled laborer, at \$720. 2 agents, at \$720 each. 1 agent, at \$675. 1 unskilled laborer, at \$55 per month. 2 agents, at \$625 each. 9 agents, at \$600 each. 1 clerk, at \$600. 1 scientific assistant, at \$600. 1 unskilled laborer, at \$1.75 per diem. 7 agents, at \$540 each. 1 agent, at \$510. 6 agents, at \$500 each. 4 agents, at \$480 each. 1 messenger boy, at \$480. 2 unskilled laborers, at \$1.50 per diem each. 1 messenger boy, at \$30 per month. 5 collaborators, at \$25 per month each. 4 skilled laborers, at \$25 per month each. 5 collaborating clerks, at \$25 per month each. 11 agents, at \$300 each. 3 student assistants, at \$25 per month each. 1 fence rider, at \$35 per month. 2 collaborating clerks, at \$22.50 per month each. 1 agent, at \$22.20 per month. 1 agent, at \$240. 1 special agent, at \$240. 1 unskilled laborer, at \$240. 7 agents, at \$15 per month each. 1 collaborator, at \$15 per month. 1 collaborating clerk at \$15 per month. 1 agent, at \$120. 1 janitor, at \$5 per month. 3 collaborators, at \$1 per month each. 1 assistant agriculturist, at 75 cents per hour. 1 collaborating clerk, at 40 cents per hour. 53 collaborators, at \$1 per annum each.		
Traveling expenses.....	\$63,690.00	Traveling expenses.....	\$47,015.17
Supplies and equipment.....	22,977.00	Supplies and equipment.....	15,856.69
Miscellaneous expenses.....	2,662.00	Miscellaneous expenses.....	11,393.16
Total estimate, 1915.....	390,520.00	Total expenditures, 1913.....	293,666.33
Total appropriation, 1914.....	375,000.00		
Increase.....	15,520.00		
Estimates, "Farmers' Cooperative Demonstrations, 1915" \$378,240.	Appropriation, "Farmers' Cooperative Demonstrations, 1913," \$332,960.		
Salaries.....	\$295,000.00	Salaries.....	\$271,737.16
As follows: 1 special agent in charge, at \$4,000. 1 agriculturist and general assistant, at \$3,250. 1 agriculturist, at \$2,750. 3 agriculturists and field agents, at \$2,400 each. 1 agriculturist and field agent, at \$2,200. 1 agent, at \$2,500. 4 agents, at \$2,200 each. 5 agents, at \$2,000 each. 1 agent, at \$2,080. 4 agents, at \$1,800 each. 4 agents, at \$1,680 each. 1 assistant in farmers' cooperative demonstration work, at \$1,600. 12 agents, at \$1,500 each. 1 special agent, at \$1,500. 4 agents, at \$1,350 each. 1 special agent, at \$1,320. 8 agents, at \$1,200 each. 1 agent, at \$1,000. 1 clerk, at \$1,000. 1 agent, at \$900. 3 agents, at \$900 each. 1 stenographer and typewriter, at \$900. 1 agent, at \$875. 1 agent, at \$850. 1 agent, at \$825. 2 agents, at \$800 each. 5 agents, at \$750 each.	As follows: 1 special agent in charge, at \$3,750. 1 agriculturist and general assistant, at \$3,250. 1 agriculturist, at \$2,750. 3 agriculturists and field agents, at \$2,400 each. 1 agriculturist and field agent, at \$2,200. 1 agent, at \$2,500. 3 agents, at \$2,200 each. 1 agent, at \$2,080. 6 agents, at \$2,000 each. 1 special agent, at \$2,000. 5 agents, at \$1,800 each. 3 agents, at \$1,680 each. 1 assistant in farmers' cooperative demonstration work, at \$1,600. 9 agents, at \$1,500 each. 1 special agent, at \$1,500. 4 agents, at \$1,350 each. 1 special agent, at \$1,320. 10 agents, at \$1,200 each. 10 agents, at \$100 per month each. 1 agent, at \$87.50 per month. 1 agent, at \$85 per month. 1 clerk, at \$1,000. 1 agent, at \$1,000. 1 agent, at \$80 per month. 25 agents, at \$75 per month each. 2 agents, at \$900 each. 1 special agent, at \$75 per month. 4 agents, at \$70 per month each.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Estimates, "Farmers' Cooperative Demonstrations, 1915," \$378,240.	Appropriation, "Farmers' Cooperative Demonstrations, 1913, \$332,960.		
Salaries, as follows—Continued.	Salaries, as follows—Continued.		
1 agent, at \$730.	1 agent, at \$65 per month.		
4 typewriters, at \$720 each.	11 agents, at \$750 each.		
2 clerk-typewriters, at \$720 each.	7 agents, at \$62.50 per month each.		
1 skilled laborer, at \$720.	1 agent, at \$60.62 per month.		
28 agents, at \$675 each.	2 agents, at \$60 per month each.		
1 agent, at \$660.	8 clerk-typewriters, at \$720 each.		
4 agents, at \$630 each.	2 skilled laborers, at \$720 each.		
1 agent, at \$625.	1 agent, at \$675.		
23 agents, at \$600 each.	1 agent, at \$57.50 per month.		
2 stenographers-typewriters, at \$600 each.	2 agents, at \$56.25 per month each.		
2 messengers, at \$480 each.	2 agents, at \$660 each.		
3 collaborating clerks, at \$300 each.	2 agents, at \$53 per month each.		
1 collaborating clerk, at \$240.	1 clerk-typewriter, at \$600.		
2 charwomen, at \$240 each.	55 agents, at \$50 per month each.		
4 collaborating clerks, at \$180 each.	1 special agent, at \$50 per month.		
1 collaborating clerk, at \$144.	4 agents, at \$45 per month each.		
5 collaborating clerks, at \$120 each.	1 special agent, at \$45 per month.		
600 collaborators, at \$1 per annum.	1 agent, at \$44.44 per month.		
400 agents and collaborators, at \$100 to \$585 per annum each.	1 agent, at \$42.50 per month.		
	1 agent, at \$41.66 per month.		
	6 agents, at \$500 each.		
	61 agents, at \$40 per month each.		
	1 special agent, at \$40 per month.		
	1 messenger boy, at \$480.		
	41 agents, at \$37.50 per month each.		
	3 special agents, at \$37.50 per month each.		
	1 agent, at \$36.36 per month.		
	11 agents, at \$35 per month each.		
	35 agents, at \$400 each.		
	1 agent, at \$32.50 per month.		
	26 agents, at \$30 per month each.		
	2 special agents, at \$30 per month each.		
	1 agent, at \$27.50 per month.		
	18 agents, at \$25 per month each.		
	24 collaborators, at \$25 per month each.		
	5 collaborating clerks, at \$200 each.		
	1 collaborating clerk, at \$240.		
	2 agents, at \$20 per month each.		
	24 collaborators, at \$20 per month each.		
	2 laborers, at \$240 each.		
	1 charwoman, at \$240.		
	2 collaborators, at \$17.50 per month each.		
	3 collaborators, at \$15 per month each.		
	1 agent, at \$15 per month.		
	3 collaborating clerks, at \$180 each.		
	4 collaborators, at \$12.50 per month each.		
	2 collaborating clerks, at \$144 each.		
	5 collaborating clerks, at \$120 each.		
	1 collaborating clerk, at \$10 per month.		
	1 collaborator, at \$100 per annum.		
	412 collaborators, at \$1 per annum each.		
Traveling expenses.....	Traveling expenses.....	\$70,000.00	\$49,022.37
Supplies and equipment.....	Supplies and equipment.....	10,500.00	1,951.84
Miscellaneous expenses.....	Miscellaneous expenses.....	2,740.00	8,738.99
Total estimate, 1915.....	Total expenditures, 1913.....	378,240.00	331,450.36
Total appropriation, 1914.....		375,000.00	
Increase.....		3,240.00	

[Purchase and Distribution of Valuable Seeds]—

For purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$296,000, of which amount not less than \$257,000 shall be allotted for congressional distribution. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
【Purchase and Distribution of Valuable Seeds】—Continued.		
proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: <i>Provided, however,</i> That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: <i>Provided, also,</i> That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the 10th day of January: <i>Provided, also,</i> That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the 1st day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress, and who have not before during the same season been supplied by the department: <i>And provided also,</i> That the Secretary shall report, as provided in this act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants: <i>Provided further,</i> That \$39,000 of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used for the purchase and distribution of drought-resistant field seeds through the Great Plains area and other dry-land sections of the United States. 】 (<i>act Mar. 4, 1913, vol. 37, pp. 856, 857, sec. 1</i>)		\$296,000.00
NOTE 1.—The above appropriation is omitted, a separate item having been included under general expenses for special seed work.		
NOTE 2.—Salaries of superintendents, scientific assistants, laborers, etc., carried on the lump funds named below on Aug. 31, 1913:		
PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.		
CONGRESSIONAL SEED DISTRIBUTION.		
In Washington:		
1 superintendent of testing gardens.....	\$3,000	
1 agronomist.....	2,750	
1 assistant superintendent of testing gardens.....	2,460	
1 horticulturist.....	2,220	
1 scientific assistant in plant breeding.....	1,380	
1 seed warehouseman.....	1,000	
1 skilled laborer.....	960	
1 skilled laborer.....	720	
1 skilled laborer, at \$600 (1 month).....	50	
1 skilled laborer.....	600	
1 skilled laborer.....	240	
1 unskilled laborer, at \$60 per month (4 months).....	240	
1 unskilled laborer, at \$50 per month (4 months).....	200	
1 skilled laborer, at \$50 per month.....	600	
1 watchman, at \$45 per month (4 months).....	180	
3 skilled laborers, at \$25 per month each.....	900	
1 collaborator, at \$1 per month.....	12	
1 stenographer and typewriter.....	1,000	
1 skilled laborer.....	720	
Total.....	19,232	
Out of Washington:		
1 assistant in cotton breeding.....	1,380	
1 plant propagator.....	1,080	
1 collaborator.....	1	
1 unskilled laborer, at \$50 per month (8 months).....	400	
1 unskilled laborer, at \$45 per month (3 months).....	135	
1 unskilled laborer, at \$45 per month (2 months).....	90	
Total.....	3,086	
Total for Bureau of Plant Industry, including statutory salaries (increase of \$45,660).....	\$2,713,655.00	2,667,995.00
FOREST SERVICE.		
<i>Salaries, Forest Service—</i>		
One forester, who shall be chief of bureau (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 837, 838, sec. 1</i>)	\$5,000.00	
One administrative assistant (<i>same acts</i>).....	2,000.00	
One chief of office of accounts and fiscal agent (by transfer from the statutory roll of the division of accounts) (<i>same acts</i>).....	2,500.00	
Seven district fiscal agents, at \$2,000 each (by transfer from the statutory roll of the division of accounts) (<i>same acts</i>)	14,000.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Forest Service—Continued.</i>		
One forest supervisor (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 837, 838, sec. 1</i>).....	\$2,700.00	
One forest supervisor (<i>same acts</i>).....	2,600.00	
Eight forest supervisors, at \$2,400 each (increase of 3 in lieu of 5 forest supervisors at \$1,600, being a net decrease of \$800) (<i>same acts</i>).....	19,200.00	
NOTE.—Plans are being made to consolidate several of the existing forests which are now under separate administration for the purpose of reducing the overhead cost of supervision. By reducing the number of supervisors and forest headquarters it is expected to effect a considerable saving without loss of efficiency. This will impose increased responsibilities upon some of the supervisors and it is believed that they should be given the increased compensation.		
Twenty forest supervisors, at \$2,200 each (<i>same acts</i>).....	44,000.00	
Forty-eight forest supervisors, at \$2,000 each (<i>same acts</i>).....	96,000.00	
Sixty-six forest supervisors, at \$1,800 each (<i>same acts</i>).....	118,800.00	
Five forest supervisors, at \$1,600 each (decrease of 5 as above) (<i>same acts</i>).....	8,000.00	
One deputy forest supervisor (by transfer from lump fund) (<i>same acts</i>).....	1,800.00	
Four deputy forest supervisors, at \$1,700 each (<i>same acts</i>).....	6,800.00	
Twenty-seven deputy forest supervisors, at \$1,600 each (<i>same acts</i>).....	43,200.00	
Thirty-one deputy forest supervisors, at \$1,500 each (<i>same acts</i>).....	46,500.00	
Eighteen deputy forest supervisors, at \$1,400 each (<i>same acts</i>).....	25,200.00	
Seven forest rangers, at \$1,500 each (increase of 5 by transfer from lump fund) (<i>same acts</i>).....	10,500.00	
Twenty-one forest rangers, at \$1,400 each (<i>same acts</i>).....	29,400.00	
Seventy-eight forest rangers, at \$1,300 each (<i>same acts</i>).....	101,400.00	
Two hundred and eighty-six forest rangers, at \$1,200 each (<i>same acts</i>).....	343,200.00	
Six hundred and ninety assistant forest rangers, at \$1,100 each, and the number of assistant forest rangers employed under this item may be decreased or increased during such parts of the year as the Secretary of Agriculture may deem necessary for the efficient and economical administration of the national forests, and any part of the moneys herein specifically appropriated for the compensation of assistant forest rangers which shall not be expended during any part of the year shall remain available for expenditure for such purpose at the same rate per annum throughout the year (<i>same acts</i>).....	759,000.00	
NOTE.—This new language is to enable the number of assistant forest rangers to be increased or decreased to meet the varying requirements of the seasons. During the summer months the fire danger on the forests and the volume of business resulting from the use of forest resources is greatly increased. The force employed at this season must necessarily be largely in excess of the number employed during other seasons, and since this period varies in different parts of the country and in different years, there should be flexibility in adjusting the number of men employed to the changing needs of the forests. This can not be done if provision is made for a given number of men throughout the whole 12 months of the year.		
One property auditor (<i>same acts</i>).....	1,800.00	
One clerk (<i>same acts</i>).....	2,100.00	
Three clerks, at \$2,000 each (<i>same acts</i>).....	6,000.00	
Thirteen clerks, at \$1,800 each (<i>same acts</i>).....	23,400.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Forest Service—Continued.</i>		
Twenty-six clerks, at \$1,600 each (increase of one by transfer from lump fund) (<i>acts Feb. 1, 1905, vol. 32, p. 628, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 837, 838, sec. 1</i>)	\$41,600.00	
Nine clerks, at \$1,500 each (<i>same acts</i>)	13,500.00	
Eighteen clerks, at \$1,400 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)	25,200.00	
Eight clerks, at \$1,300 each (increase of 2 by transfer from lump fund) (<i>same acts</i>)	10,400.00	
Ninety-seven clerks, at \$1,200 each (increase of 20 by transfer from lump fund) (<i>same acts</i>)	116,400.00	
Sixty-nine clerks, at \$1,100 each (increase of 10 by transfer from lump sum) (<i>same acts</i>)	75,900.00	
Fifty-one clerks, at \$1,020 each (<i>same acts</i>)	52,020.00	
Thirty clerks, at \$960 each (<i>same acts</i>)	28,800.00	
One hundred and twenty-eight clerks, at \$900 each (<i>same acts</i>)	115,200.00	
Two clerks, at \$840 each (<i>same acts</i>)	1,680.00	
One game warden (<i>same acts</i>)	1,400.00	
One game warden (<i>same acts</i>)	1,200.00	
One compiler (<i>same acts</i>)	1,800.00	
One draftsman (<i>same acts</i>)	2,000.00	
Three draftsmen, at \$1,600 each (<i>same acts</i>)	4,800.00	
Two draftsmen, at \$1,500 each (<i>same acts</i>)	3,000.00	
Six draftsmen, at \$1,400 each (<i>same acts</i>)	8,400.00	
Four draftsmen, at \$1,300 each (<i>same acts</i>)	5,200.00	
Eight draftsmen, at \$1,200 each (<i>same acts</i>)	9,600.00	
Two draftsmen, at \$1,100 each (<i>same acts</i>)	2,200.00	
Three draftsmen, at \$1,020 each (<i>same acts</i>)	3,060.00	
One draftsman (<i>same acts</i>)	960.00	
Four draftsmen, at \$900 each (<i>same acts</i>)	3,600.00	
One artist (<i>same acts</i>)	1,400.00	
One artist (<i>same acts</i>)	1,000.00	
Three map colorists, at \$900 each (<i>same acts</i>)	2,700.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Forest Service—Continued.</i>		
One map colorist (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 837, 838, sec. 1</i>)	\$720. 00	
One photographer (<i>same acts</i>)	1, 600. 00	
One photographer (<i>same acts</i>)	1, 400. 00	
One photographer (<i>same acts</i>)	1, 200. 00	
One photographer (<i>same acts</i>)	1, 100. 00	
One lithographer (<i>same acts</i>)	1, 200. 00	
One lithographer's helper (<i>same acts</i>)	780. 00	
One machinist (<i>same acts</i>)	1, 260. 00	
One carpenter (<i>same acts</i>)	1, 200. 00	
Two carpenters, at \$1,000 each (<i>same acts</i>)	2, 000. 00	
One carpenter (<i>same acts</i>)	960. 00	
One electrician (<i>same acts</i>)	1, 020. 00	
One laboratory aid and engineer (<i>same acts</i>)	900. 00	
Three laboratory assistants, at \$900 each (<i>same acts</i>)	2, 700. 00	
One laboratory assistant (<i>same acts</i>)	800. 00	
One laboratory helper (<i>same acts</i>)	720. 00	
One laboratory helper (<i>same acts</i>)	600. 00	
One packer (<i>same acts</i>)	1, 000. 00	
One packer (<i>same acts</i>)	780. 00	
Four watchmen, at \$840 each (<i>same acts</i>)	3, 360. 00	
One messenger or laborer (<i>same acts</i>)	960. 00	
Three messengers or laborers, at \$900 each (<i>same acts</i>)	2, 700. 00	
Four messengers or laborers, at \$840 each (<i>same acts</i>)	3, 360. 00	
Three messengers or laborers, at \$780 each (<i>same acts</i>)	2, 340. 00	
Four messengers or laborers, at \$720 each (<i>same acts</i>)	2, 880. 00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Forest Service—Continued.</i>		
Six messengers or laborers, at \$660 each (<i>act Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 837, 838, sec. 1</i>).....	\$3,960.00	
Five messengers, messenger boys, or laborers, at \$600 each (change of title) (<i>same acts</i>).....	3,000.00	
Two messengers, messenger boys, or laborers, at \$540 each (change of title) (<i>same acts</i>).....	1,080.00	
NOTE.—The changes of titles in the two grades named above is in the interest of efficiency. Under civil-service rules messenger boys are not eligible for promotion to messenger, and, unless the proposed changes are made, when a vacancy occurs in the positions at salaries of \$540 and \$600, it must be filled by the appointment of inexperienced persons from the register instead of the promotion of trained messenger boys of long experience.		
Three messengers or messenger boys, at \$480 each (<i>same acts</i>).....	1,440.00	
Three messengers, or messenger boys, at \$420 each (<i>same acts</i>).....	1,260.00	
Twelve messengers or messenger boys, at \$360 each (<i>same acts</i>).....	4,320.00	
One apprentice boy (<i>same acts</i>).....	480.00	
One charwoman (<i>same acts</i>).....	540.00	
One charwoman (<i>same acts</i>).....	480.00	
One charwoman (<i>same acts</i>).....	300.00	
Eleven charwomen, at \$240 each (<i>same acts</i>).....	2,640.00	
	\$2,305,160.00	\$2,239,560.00
Appropriations for 1905..... \$37,140	Estimates for 1906..... \$37,140	
Appropriations for 1906..... 81,960	Estimates for 1907..... 81,960	
Appropriations for 1907..... 112,860	Estimates for 1908..... 131,460	
Appropriations for 1908..... 143,200	Estimates for 1909..... 144,300	
Appropriations for 1909..... 144,300	Estimates for 1910..... 60,200	
Appropriations for 1910..... 60,200	Estimates for 1911..... 60,200	
Appropriations for 1911..... 60,200	Estimates for 1912..... 2,318,680	
Appropriations for 1912..... 2,318,680	Estimates for 1913..... 2,290,610	
Appropriations for 1913..... 2,235,760	Estimates for 1914..... 2,242,810	
Appropriations for 1914..... 2,239,560	Estimates for 1915..... 2,305,160	
NOTE.—There is an apparent increase in the above appropriation for salaries of \$65,600; actual increase, \$49,100. This increase covers the substitution of 3 supervisors at \$2,400 for 5 supervisors at \$1,600, the transfer from the miscellaneous to the statutory roll of 1 deputy supervisor, 5 forest rangers, and 34 clerks, and the transfer of 1 chief of office of accounts and fiscal agent and 7 district fiscal agents from the Division of Accounts and Disbursements. These changes are as follows:		
PLACES DECREASED.		
5 forest supervisors, at \$1,600 each, changed to 3 forest supervisors, at \$2,400 each.....	\$800.00	
TRANSFERS FROM LUMP FUND TO STATUTORY ROLL.		
1 deputy supervisor.....	\$1,800.00	
5 forest rangers, at \$1,500 each.....	7,500.00	
1 clerk.....	1,600.00	
1 clerk.....	1,400.00	
2 clerks, at \$1,300 each.....	2,600.00	
20 clerks, at \$1,200 each.....	24,000.00	
10 clerks, at \$1,100 each.....	11,000.00	
	49,900.00	
Actual increase.....	49,100.00	
TRANSFERS FROM THE DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 chief of office of accounts and fiscal agent.....	2,500.00	
7 district fiscal agents, at \$2,000 each.....	14,000.00	
	16,500.00	
Apparent increase.....	65,600.00	

General Expenses, Forest Service—

To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed \$650; *And provided further*, That no part of the appropriation made by this act shall be used for the construction, repair, maintenance,

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
<p>or use of buildings or improvements made for forest-ranger stations within the inclosed fields of bona fide homestead settlers who have established residence upon their homestead lands prior to the date of the establishment of the forest reservation in which the homestead lands are situated, without the consent of the homesteader; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State, Territory, or the District of Alaska in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests, in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, <i>and medical supplies necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service</i>; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:</p>		
<p>NOTE.—The proviso in regard to ranger stations has been omitted since the public land laws prohibit the occupancy of land included within the claims of bona fide homestead settlers who have established residence before the creation of the forests for ranger stations; hence the proviso appears to be unnecessary.</p> <p>A new provision has been added in regard to medical supplies as under the act of Mar. 11, 1912 (37 Stat., 74), Congress extended to the employees of the Forest Service the benefits of the liability act of May 30, 1908 (35 Stat., 556). This proviso should be adopted in recognition of the same principle, that the employees of the Forest Service are liable to injury on account of the frequently hazardous character of their work, and that the Government should take all practicable precautions to reduce or alleviate such injuries. Furthermore, since the Government has assumed liability in the case of accident or injury, it is desirable that preventive measures be taken to reduce this liability by furnishing medical supplies for the immediate relief of employees engaged in fire fighting and other hazardous field work.</p>		
<p>For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below (<i>act Mar. 4, 1913, vol. 37, pp. 839-842, sec. 1</i>):</p>		
Absaroka National Forest, Montana, \$7,425.....	\$7,425.00	
Alamo National Forest, New Mexico, \$4,400.....	4,400.00	
Angeles National Forest, California, \$16,774.....	16,774.00	
Apache National Forest, Arizona, \$8,610.....	8,610.00	
Arapahoe National Forest, Colorado, [\$18,080;] \$11,970.....	11,970.00	
Arkansas National Forest, Arkansas, [\$17,910;] \$16,910.....	16,910.00	
Ashley National Forest, Utah and Wyoming, [\$7,668] \$6,260.....	6,260.00	
Battlement National Forest, Colorado, \$7,380.....	7,380.00	
Beartooth National Forest, Montana, \$7,020.....	7,020.00	
Beaverhead National Forest, Montana and Idaho, \$10,585.....	10,585.00	
Bighorn National Forest, Wyoming, [\$12,105] \$15,100.....	15,100.00	
Bitterroot National Forest, Montana, [\$13,531;] \$15,530.....	15,530.00	
Blackfeet National Forest, Montana, [\$21,981] \$24,980.....	24,980.00	
Black Hills National Forest, South Dakota, [\$11,312] \$14,140.....	14,140.00	
Boise National Forest, Idaho, \$12,373.....	12,373.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Bonneville National Forest, Wyoming, [\$5,255;] \$7,250.....	\$7, 250. 00	
Bridger National Forest, Wyoming, \$4,200.....	4, 200. 00	
Cabinet National Forest, Montana, [\$11,241;] \$11,740.....	11, 740. 00	
Cache National Forest, Utah and Idaho, [\$9,920;] \$7,170.....	7, 170. 00	
California National Forest, California, [\$13,863;] \$19,600.....	19, 600. 00	
Caribou National Forest, Idaho and Wyoming, \$6,146.....	6, 146. 00	
Carson National Forest, New Mexico, [\$19,260;] \$13,900.....	13, 900. 00	
Cascade National Forest, Oregon, [\$12,179] \$23,040.....	23, 040. 00	
Challis National Forest, Idaho, \$7,015.....	7, 015. 00	
Chelan National Forest, Washington, \$9,130.....	9, 130. 00	
Chiricahau National Forest, Arizona and New Mexico, [\$6,905;] \$3,750.....	3, 750. 00	
Chugach National Forest, Alaska, [\$22,530;] \$16,330.....	16, 330. 00	
Clearwater National Forest, Idaho, [\$15,827;] \$17,330.....	17, 330. 00	
Cleveland National Forest, California, \$16,329.....	16, 329. 00	
Cochetopa National Forest, Colorado, [\$8,204;] \$7,000.....	7, 000. 00	
Coconino National Forest, Arizona, [\$13,813;] \$12,610.....	12, 610. 00	
Coeur d'Alene National Forest, Idaho, [\$40,337;] \$41,440.....	41, 440. 00	
Colorado National Forest, Colorado, \$8,734.....	8, 734. 00	
Columbia National Forest, Washington, [\$13,867;] \$17,880.....	17, 880. 00	
Colville National Forest, Washington, [\$12,174;] \$9,210.....	9, 210. 00	
Coronado National Forest, Arizona, [\$11,485;] \$6,470.....	6, 470. 00	
Crater National Forest, Oregon and California, [\$20,000;] \$18,800.....	18, 800. 00	
Crook National Forest, Arizona, [\$5,240;] \$6,940.....	6, 940. 00	
Custer National Forest, Montana, [\$6,486;] \$5,400.....	5, 400. 00	
Dakota National Forest, North Dakota, \$835.....	835. 00	
Datil National Forest, New Mexico, [\$20,960;] \$11,700.....	11, 700. 00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Deerlodge National Forest, Montana, [§16,893;] \$20,900.....	\$20,900.00	
Deschutes National Forest, Oregon, [§12,260;] \$7,680.....	7,680.00	
Dixie National Forest, Utah and Arizona, [§4,777;] \$3,770.....	3,770.00	
Durango National Forest, Colorado, \$8,685.....	8,685.00	
Eldorado National Forest, California and Nevada, [§13,086;] \$15,090.....	15,090.00	
Fillmore National Forest, Utah, \$2,210.....	2,210.00	
Fishlake National Forest, Utah, [§6,376;] \$5,300.....	5,300.00	
Flathead National Forest, Montana, [§27,116;] \$37,880.....	37,880.00	
Florida National Forest, Florida, [§7,665;] \$6,180.....	6,180.00	
Fremont National Forest, Oregon, [§12,400;] \$9,200.....	9,200.00	
Gallatin National Forest, Montana, \$6,161.....	6,161.00	
Gila National Forest, New Mexico, [§14,460;] \$13,700.....	13,700.00	
Gunnison National Forest, Colorado, [§10,952;] \$8,790.....	8,790.00	
Harney National Forest, South Dakota, [§8,808;] \$10,900.....	10,900.00	
Hayden National Forest, Wyoming and Colorado, \$7,525.....	7,525.00	
Helena National Forest, Montana, [§11,420;] \$7,220.....	7,220.00	
Holy Cross National Forest, Colorado, [§9,060;] \$7,860.....	7,860.00	
Humboldt National Forest, Nevada, \$4,330.....	4,330.00	
Idaho National Forest, Idaho, [§8,485;] \$9,490.....	9,490.00	
Inyo National Forest, California and Nevada, [§8,839;] \$6,290.....	6,290.00	
Jefferson National Forest, Montana, [§11,394;] \$6,310.....	6,310.00	
Jemez National Forest, New Mexico, [§13,480;] \$8,700.....	8,700.00	
Kaibab National Forest, Arizona, \$4,840.....	4,840.00	
Kaniksu National Forest, Idaho and Washington, [§36,916;] \$26,690.....	26,690.00	
Kansas National Forest, Kansas, \$3,117.....	3,117.00	
Kern National Forest, California, [§18,172;] \$16,890.....	16,890.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Klamath National Forest, California, [§29,643;] §32,640.....	\$32,640.00	
Kootenai National Forest, Montana, [§27,846;] §36,440.....	36,440.00	
La Sal National Forest, Utah and Colorado, [§5,775;] §4,000.....	4,000.00	
Lassen National Forest, California, [§16,774;] §20,070.....	20,070.00	
Leadville National Forest, Colorado, §9,037.....	9,037.00	
Lemhi National Forest, Idaho, [§5,895;] §6,650.....	6,650.00	
Lewis and Clark National Forest, Montana, §10,614.....	10,614.00	
Lincoln National Forest, New Mexico, [§5,617;] §4,360.....	4,360.00	
Lolo National Forest, Montana, [§20,104;] §21,100.....	21,100.00	
Luquillo National Forest, Porto Rico, [§3,961;] §5,960.....	5,960.00	
Madison National Forest, Montana, §9,606.....	9,606.00	
Malheur National Forest, Oregon, [§13,260;] §11,460.....	11,460.00	
Manti National Forest, Utah, [§11,578;] §9,500.....	9,500.00	
Manzano National Forest, New Mexico, [§1,600;] §4,230.....	4,230.00	
NOTE.—This increase is to provide for the Zuni National Forest of New Mexico and Arizona, which has been omitted.		
Marquette National Forest, Michigan, §1,170.....	1,170.00	
Medicine Bow National Forest, Wyoming, [§17,429;] §9,400.....	9,400.00	
Michigan National Forest, Michigan, §2,417.....	2,417.00	
Minam National Forest, Oregon, §4,930.....	4,930.00	
Minnesota National Forest, Minnesota, §6,560.....	6,560.00	
Minidoka National Forest, Idaho and Utah, [§3,680;] §3,180.....	3,180.00	
Missoula National Forest, Montana, [§9,941;] §12,440.....	12,440.00	
Moapa National Forest, Nevada, §860.....	860.00	
Modoc National Forest, California, [§10,950;] §13,450.....	13,450.00	
Mono National Forest, Nevada and California, [§7,047;] §5,100.....	5,100.00	
Monterey National Forest, California, §2,787.....	2,787.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Montezuma National Forest, Colorado, \$8,802.....	\$8,802.00	
Nebo National Forest, Utah, \$1,654.....	1,654.00	
Nebraska National Forest, Nebraska, \$5,000: <i>Provided, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An act increasing the area of homesteads in a portion of Nebraska," approved Apr. 28, 1904, and there is hereby appropriated to pay the cost of such distribution of trees the sum of \$3,000.</i>	8,000.00	
Nevada National Forest, Nevada, \$7,410.....	7,410.00	
Nez Perce National Forest, Idaho, \$14,619.....	14,619.00	
Ochoco National Forest, Oregon, [\$9,800;] \$8,600.....	8,600.00	
Okanogan National Forest, Washington, [\$15,900;] \$14,800.....	14,800.00	
Olympic National Forest, Washington, [\$16,130;] \$25,650.....	25,650.00	
Oregon National Forest, Oregon, \$17,600.....	17,600.00	
Ozark National Forest, Arkansas, \$15,893.....	15,893.00	
Palisade National Forest, Idaho and Wyoming, [\$8,173;] \$7,100.....	7,100.00	
Paulina National Forest, Oregon, [\$12,770;] \$7,330.....	7,330.00	
Payette National Forest, Idaho, [\$16,522;] \$18,870.....	18,870.00	
Pecos National Forest, New Mexico, [\$12,200;] \$7,570.....	7,570.00	
Pend Oreille National Forest, Idaho, [\$15,449;] \$17,450.....	17,450.00	
Pike National Forest, Colorado, \$16,862.....	16,862.00	
Plumas National Forest, California, [\$24,607;] \$27,600.....	27,600.00	
Pocatello National Forest, Idaho and Utah, \$1,483.....	1,483.00	
Powell National Forest, Utah, \$2,586.....	2,586.00	
Prescott National Forest, Arizona, \$4,780.....	4,780.00	
Rainier National Forest, Washington, [\$14,400;] \$15,400.....	15,400.00	
Rio Grande National Forest, Colorado, \$10,976.....	10,976.00	
Routt National Forest, Colorado, [\$10,265;] \$9,060.....	9,060.00	
Ruby National Forest, Nevada, [\$3,583;] \$2,430.....	2,430.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Saint Joe National Forest, Idaho, [§45,324;] \$34,330.....	\$34, 330. 00	
Salmon National Forest, Idaho, [§12,169;] \$13,690.....	13, 690. 00	
San Isabel National Forest, Colorado, [§5,655;] \$4,350.....	4, 350. 00	
San Juan National Forest, Colorado, \$8,450.....	8, 450. 00	
Santa Barbara National Forest, California, \$11,407.....	11, 407. 00	
Santa Rosa National Forest, Nevada, \$2,180.....	2, 180. 00	
Santiam National Forest, Oregon, [§12,627;] \$15,400.....	15, 400. 00	
Sawtooth National Forest, Idaho, \$5,535.....	5, 535. 00	
Selway National Forest, Idaho, \$14,695.....	14, 695. 00	
Sequoia National Forest, California, [§15,821;] \$18,400.....	18, 400. 00	
Sevier National Forest, Utah, \$3,760.....	3, 760. 00	
Shasta National Forest, California, [§19,240;] \$21,630.....	21, 630. 00	
Shoshone National Forest, Wyoming, \$7,905.....	7, 905. 00	
Sierra National Forest, California, [§24,721;] \$30,750.....	30, 750. 00	
Sioux National Forest, South Dakota and Montana, \$6,895.....	6, 895. 00	
Siskiyou National Forest, Oregon and California, \$16,530.....	16, 530. 00	
Sitgreaves National Forest, Arizona, [§6,200;] \$8,300.....	8, 300. 00	
Siuslaw National Forest, Oregon, \$10,260.....	10, 260. 00	
Snoqualmie National Forest, Washington, [§17,460;] \$18,860.....	18, 860. 00	
Sopris National Forest, Colorado, [§7,426;] \$6,230.....	6, 230. 00	
Stanislaus National Forest, California, \$16,601.....	16, 601. 00	
Sundance National Forest, Wyoming, \$3,711.....	3, 711. 00	
Superior National Forest, Minnesota, [§9,092;] \$7,890.....	7, 890. 00	
Tahoe National Forest, California and Nevada, [§18,567;] \$22,160.....	22, 160. 00	
Targhee National Forest, Idaho and Wyoming, \$8,861.....	8, 861. 00	
Teton National Forest, Wyoming, \$6,760.....	6, 760. 00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Toiyabe National Forest, Nevada, \$9,770.....	\$9,770.00	
Tongass National Forest, Alaska, [\$23,260;] \$22,300.....	22,300.00	
Tonto National Forest, Arizona, \$5,495.....	5,495.00	
Trinity National Forest, California, [\$24,266;] \$25,770.....	25,770.00	
Tusayan National Forest, Arizona, \$15,261.....	15,261.00	
Uinta National Forest, Utah, \$5,585.....	5,585.00	
Umatilla National Forest, Oregon, [\$12,400;] \$6,200.....	6,200.00	
Umpqua National Forest, Oregon, \$12,240.....	12,240.00	
Uncompahgre National Forest, Colorado, [\$10,900;] \$9,700.....	9,700.00	
Wallowa National Forest, Oregon, [\$9,460;] \$10,560.....	10,560.00	
Wasatch National Forest, Utah, \$3,200.....	3,200.00	
Washakie National Forest, Wyoming, \$3,900.....	3,900.00	
Washington National Forest, Washington, \$13,130.....	13,130.00	
Weiser National Forest, Idaho, \$10,460.....	10,460.00	
Wenaha National Forest, Washington and Oregon, [\$10,060;] \$8,910.....	8,910.00	
Wenatchee National Forest, Washington, [\$11,330;] \$9,330.....	9,330.00	
White River National Forest, Colorado, \$10,267.....	10,267.00	
Whitman National Forest, Oregon, [\$19,400;] \$16,790.....	16,790.00	
Wichita National Forest, Oklahoma, \$3,800 [and not to exceed \$2,000 may be expended in the erection of a headquarters building;].....	3,800.00	
Wyoming National Forest, Wyoming, \$7,170.....	7,170.00	
[Zuni National Forest, New Mexico and Arizona, \$3,734;]		
NOTE.—This forest has been combined with the Manzano National Forest of New Mexico.		
Additional national forests created or to be created under section 11 of the act of March 1, 1911 (36 Stat., p. 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said act, [\$57,590;] \$77,590.....	77,590.00	

NOTE.—In submitting the estimates above for the national forests reductions have been made by transfers to the statutory roll, as explained in a note under that appropriation. Reductions have also been made on account of the completion of timber estimates and appraisals on a number of the national forests and retrenchment made possible in certain cases by a decrease in the field force and simplification of administrative methods. Against this gross reduction necessary increases have been provided for on a number of national forests to administer the increased cut of timber under new sale contracts which have been approved or will be approved in the near future. Other increases have been necessary for the estimate and appraisal of additional bodies of timber which are now in demand; to cover the cost of growing and distributing nursery stock under the provisions of the act of Mar. 4, 1911, to settlers on territory covered by the act of Apr. 28, 1904; and to provide for the administration and protection of additional national forests which are being acquired in Eastern States for the protection of navigable streams, under the terms of the act of Mar. 1, 1911. The amount appropriated for the national forests for the fiscal year 1914 is \$1,895,591; the amount estimated as above for the fiscal year 1915 is \$1,888,568, being a net decrease of \$7,023.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
<p>That the Secretary of Agriculture is hereby directed and required to select, classify, and segregate, as soon as practicable, all lands within the boundaries of national forests that may be opened to settlement and entry under the homestead laws applicable to the national forests, and the sum of \$100,000 is hereby appropriated for the purposes aforesaid: <i>Provided</i>, That not to exceed \$35,000 of this sum may be expended under the direction of the Secretary of Agriculture for the examination, survey, and platting of certain lands now listed or to be listed within national forests chiefly valuable for agriculture and describing such lands by metes and bounds, as required by the act of June 11, 1906 (34 Stat., p. 233), and the act of Mar. 3, 1899 (30 Stat., p. 1095), and hereafter such surveys, and the plats and field notes thereof, shall be made by employees of the Forest Service, to be designated by the United States surveyor general, and such surveys, and the plats and field notes thereof, shall be approved by the United States surveyor general:</p>		
<p><i>For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests, \$100,000 (act Mar. 4, 1913, vol. 37, pp. 839-842, sec. 1).....</i></p>	\$100,000.00	
<p>NOTE.—There is an increase in the above item for classification of lands of \$35,000. The original paragraph for the classification and survey of lands, which has been subdivided into two paragraphs, appropriated \$65,000 for this purpose. Careful study of the field conditions and the organization required to segregate agricultural lands within a reasonable period, particularly in areas where there is immediate demand for settlement, has shown that this work can not be done efficiently with an outlay of less than \$100,000.</p>		
<p><i>For the survey, and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906 (34 Stat., p. 233), and the act of March 3, 1899 (30 Stat., p. 1095), as provided by the act of March 3, 1913, \$85,000; Provided [further], That any unexpended balance of an appropriation of \$35,000 to be expended "under the direction of the Secretary of Agriculture for survey and listing of lands within the forest reserves chiefly valuable for agriculture and describing the same by metes and bounds or otherwise," and so forth, provided by the act of [August 10, 1912,] March 4, 1913, entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 19[13] 14," be, and the same is, hereby continued and made available for and during the fiscal year ending June 30, 19[14] 15, for the purpose of this appropriation (act Mar. 4, 1913, vol. 37, pp. 839-842, sec. 1).....</i></p>	85,000.00	
<p>NOTE.—There is an increase in this item for survey of lands of \$50,000. The original paragraph for the classification and survey of lands, which has been subdivided into two paragraphs, appropriated \$35,000 for this purpose. Six hundred and forty-one claims will require survey during the fiscal year ending June 30, 1915, and an appropriation for \$85,000, together with the continuation of any unexpended balance for this purpose in the appropriation for 1914, is necessary to bring this work up to date and avoid delay to settlers in patenting claims for which they have offered final proof. Some minor changes have also been made in the wording of the proviso.</p>		
<p><i>For fighting and preventing forest fires and for other unforeseen emergencies, \$150,000 (same act).....</i></p>	150,000.00	
<p><i>For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$160,000 (same act).....</i></p>	160,000.00	
<p><i>For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing and the testing of such woods as may require test to ascertain if they be suitable for making paper, and for other investigations and experiments to promote economy in the use of forest products, \$140,000 (same act).....</i></p>	140,000.00	
<p><i>For experiments and investigations of range conditions within national forests, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$25,000 (same act).....</i></p>	25,000.00	
<p><i>For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$165,640: Provided, That the Secretary of Agriculture may procure such seed, cones, and nursery stock by open purchase without advertisements for proposals whenever in his discretion such method is most economical and in the public interest and when the cost thereof will not exceed \$500 (same act).....</i></p>	165,640.00	
<p><i>For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, \$83,728 (same act).....</i></p>	83,728.00	
<p><i>For market and other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$40,160 (same act).....</i></p>	40,160.00	
<p><i>For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: [Provided, That hereafter the Secretary of Agriculture, whenever he may deem it necessary for the protection of the national forests from fire, may permit the use of timber free of charge for the construction of telephone lines:] Provided [further], That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any</i></p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.																																																
<p><i>General Expenses, Forest Service—Continued.</i></p> <p>forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: <i>And provided also</i>, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public (<i>same act</i>).....\$400,000.00</p> <p>¶That hereafter an additional 10 per centum of all moneys received from the national forests during each fiscal year shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part.¶</p> <p>NOTE.—The above item is omitted, as it is now permanent legislation.</p> <p>In all, for general expenses, [\$3,160,119;] \$3,238,096 (increase of \$77,977)</p> <table><tr><td>Appropriations for 1905.....</td><td>\$388,000</td><td>Estimates for 1906.....</td><td>¹ \$463,000</td></tr><tr><td>Appropriations for 1906.....</td><td>¹ 793,180</td><td>Estimates for 1907.....</td><td>1 918,040</td></tr><tr><td>Appropriations for 1907.....</td><td>1 887,140</td><td>Estimates for 1908.....</td><td>¹ 770,060</td></tr><tr><td>Appropriations for 1908.....</td><td>² 2,256,800</td><td>Estimates for 1909.....</td><td>² 3,051,900</td></tr><tr><td>Appropriations for 1909.....</td><td>² 3,751,900</td><td>Estimates for 1910.....</td><td>⁴ 5,931,300</td></tr><tr><td>Appropriations for 1910.....</td><td>² 4,586,000</td><td>Estimates for 1911.....</td><td>⁴ 4,983,500</td></tr><tr><td>Sundry civil act.....</td><td>30,000</td><td></td><td></td></tr><tr><td>Appropriations for 1911.....</td><td>² 4,947,900</td><td>Estimates for 1912.....</td><td>3,189,420</td></tr><tr><td>Deficiency act.....</td><td>900,000</td><td></td><td></td></tr><tr><td>Appropriations for 1912.....</td><td>² 3,214,420</td><td>Estimates for 1913.....</td><td>3,208,005</td></tr><tr><td>Appropriations for 1913.....</td><td>3,107,285</td><td>Estimates for 1914.....</td><td>3,198,939</td></tr><tr><td>Appropriations for 1914.....</td><td>3,160,119</td><td>Estimates for 1915.....</td><td>3,238,096</td></tr></table> <p>¹ "Improvement of the National Forests" provided for from receipts from National Forests.</p> <p>² Includes amount appropriated separately for "Improvement of the National Forests."</p> <p>³ In addition, an estimated balance of about \$1,000,000 from receipts prior to July 1, 1907, was available for administration and improvement of the National Forests. (See estimates of appropriations for the fiscal year 1909, p. 548.)</p> <p>⁴ Includes amount estimated for separately for "Improvement of the National Forests."</p> <p>Not to exceed 15 per centum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service.</p> <p>¶That hereafter the Secretary of Agriculture is authorized to reimburse owners of horses, vehicles, and other equipment lost, damaged, or destroyed while being used for necessary fire fighting, trail, or official business, such reimbursement to be made from any available funds in the appropriation to which the hire of such equipment is properly chargeable.¶</p> <p>NOTE.—The above item is omitted as it is now permanent legislation.</p> <p>¶That hereafter the employees of the Forest Service who are assigned to permanent duty in Alaska may, in the discretion of the Secretary of Agriculture, without additional expense to the Government, be granted leave of absence not to exceed 30 days in any one year, which leave may, in exceptional and meritorious cases where such an employee is ill, be extended, in the discretion of the Secretary of Agriculture, not to exceed 30 days additional in any one year.¶</p> <p>NOTE.—The above item is omitted as it is now permanent legislation.</p> <p><i>That hereafter all moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations, protection or improvements by the Forest Service, and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations, protection, or improvements.</i></p> <p>NOTE.—The insertion of this paragraph reenacts the provisions of the agricultural appropriation act of June 30, 1906 (34 Stat., 669), and amends it by adding the words "or the protection and improvement of the national forests." When the act of June 30, 1906, was passed it was the intention of the department and of Congress to provide for the safe handling of moneys contributed towards all cooperative work to be carried on by the Forest Service. A subsequent opinion of the comptroller, however, limited the application of the act to strictly investigative work, and since that time the moneys contributed towards the construction of fire lanes, trails, and such other improvements on the national forests have necessarily been handled by the contributors. This method has proved unsatisfactory both to the contributors and to the Government and the amendment to the existing law is recommended in order to facilitate the handling of such work and at the same time to afford a maximum of security by surrounding such transactions with all the safeguards provided by the Treasury Department.</p>	Appropriations for 1905.....	\$388,000	Estimates for 1906.....	¹ \$463,000	Appropriations for 1906.....	¹ 793,180	Estimates for 1907.....	1 918,040	Appropriations for 1907.....	1 887,140	Estimates for 1908.....	¹ 770,060	Appropriations for 1908.....	² 2,256,800	Estimates for 1909.....	² 3,051,900	Appropriations for 1909.....	² 3,751,900	Estimates for 1910.....	⁴ 5,931,300	Appropriations for 1910.....	² 4,586,000	Estimates for 1911.....	⁴ 4,983,500	Sundry civil act.....	30,000			Appropriations for 1911.....	² 4,947,900	Estimates for 1912.....	3,189,420	Deficiency act.....	900,000			Appropriations for 1912.....	² 3,214,420	Estimates for 1913.....	3,208,005	Appropriations for 1913.....	3,107,285	Estimates for 1914.....	3,198,939	Appropriations for 1914.....	3,160,119	Estimates for 1915.....	3,238,096	\$3,238,096.00	\$3,160,119.00
Appropriations for 1905.....	\$388,000	Estimates for 1906.....	¹ \$463,000																																															
Appropriations for 1906.....	¹ 793,180	Estimates for 1907.....	1 918,040																																															
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
<i>That hereafter the Secretary of Agriculture may, when necessary for the purpose of increasing the public benefits or public use of the national forests, rent or lease to responsible persons or corporations suitable spaces or portions of ground for the construction of summer residences, hotels, stores, mills, or any structures needed for recreation, convenience, or business purposes.</i>		
NOTE.—Under existing law the Secretary of Agriculture is authorized to permit the occupancy of national forest land for any use not inconsistent with the purposes for which the forests are created, but the permission to occupy such land may be terminated at any time in the discretion of the Secretary. Such permits are sufficient to meet the public needs when the use of the land does not involve expenditures of any considerable sum of money in the erection of buildings or other improvements on the land. When, however, the use of the land necessitates the investment of considerable sums, as, for example, in the erection of hotels, mills, canneries, stores, and other business structures, or summer residences and other buildings for recreation, the revocable permit offers a serious difficulty, which can be readily overcome by extending the authority of the Secretary to the granting of leases. To increase the public benefits and public use of the national forests the adoption of the paragraph inserted in the estimates for 1915 is recommended.		
NOTE 1.—Salaries of district foresters, assistant foresters, engineers, forest examiners, rangers, guards, laborers, etc., carried on the lump fund named below on Aug. 31, 1913:		
GENERAL EXPENSES, FOREST SERVICE.		
In Washington:		
1 associate forester	\$4,000	
1 assistant forester	3,750	
2 assistant foresters, at \$3,500 each	7,000	
2 assistant foresters, at \$3,000 each	6,000	
1 chief of office	2,800	
1 chief of office	2,400	
1 chief of office	2,200	
1 assistant chief of office	2,400	
1 editor	3,200	
1 general inspector	2,800	
1 forest inspector	2,800	
1 forest inspector	2,600	
1 inspector	2,800	
1 inspector of grazing	2,800	
1 inspector of grazing	2,600	
1 law officer in charge of forest-service appeals	3,000	
1 assistant engineer	2,600	
1 engineer in forest products	2,400	
1 statistician in forest products	1,900	
1 statistician in forest products	1,600	
1 statistician in forest products	1,400	
1 xylotomist	1,300	
1 assistant in xylotomy	1,000	
1 hydroelectrical engineer	3,500	
1 civil engineer	2,000	
1 classified expert lumberman	3,500	
1 plant ecologist	1,500	
1 assistant botanist	1,500	
1 consulting botanist, at \$1,800 (6 months)	900	
2 forest examiners, at \$2,500 each	5,000	
2 forest examiners, at \$2,100 each	4,200	
5 forest examiners, at \$2,000 each	10,000	
1 forest examiner	1,900	
2 forest examiners, at \$1,500 each	3,000	
2 forest examiners, at \$1,700 each	3,400	
1 forest examiner	1,600	
1 forest examiner	1,500	
1 forest examiner	1,400	
2 forest assistants, at \$1,200 each	2,400	
1 scientific assistant in basket willow culture	1,700	
1 scientific assistant in wood structure	1,600	
1 scientific assistant in forest distribution	1,500	
1 assistant in forest education	1,500	
1 statistician	1,600	
1 clerk	1,600	
1 clerk	1,400	
2 clerks, at \$1,200 each	2,400	
1 clerk	1,100	
1 clerk	1,020	
2 clerks, at \$840 each (6 months)	840	
2 clerks, at \$720 each (4 months)	480	
1 minor clerk	700	
1 artist	1,200	
2 draftsmen, at \$1,200 each (6 months)	1,200	
1 draftsman	1,000	
1 lithographic map engraver	1,600	
1 negative cutter	1,200	
1 photographer, at \$1,200 (3 months)	300	
1 messenger	900	
1 assistant forest ranger	1,100	
Total	139,190	
Out of Washington:		
2 district foresters, at \$3,200 each	6,400	
4 district foresters, at \$3,000 each	12,000	
1 assistant district forester	2,700	
18 assistant district foresters, at \$2,600 each	46,800	
2 assistant district foresters, at \$2,500 each	5,000	
3 assistant district foresters, at \$2,400 each	7,200	
2 assistant district foresters, at \$2,300 each	4,600	
2 assistant district foresters, at \$2,200 each	4,400	
1 chief of section	1,900	
1 director, forest products laboratory	2,800	
1 assistant engineer	1,200	
2 engineers in timber tests, at \$1,500 each	3,000	
1 engineer in timber tests, at \$6 per diem (when actually employed)	100	
2 engineers in wood preservation, at \$1,500 each	3,000	
2 engineers in forest products, at \$2,200 each	4,400	
1 engineer in forest products	2,100	
1 engineer in forest products	2,000	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Out of Washington—Continued.		
2 engineers in forest products, at \$1,800 each.....	\$3,600	
2 engineers in forest products, at \$1,700 each.....	3,400	
2 assistant engineers in forest products, at \$1,700 each.....	3,400	
1 assistant engineer in forest products.....	1,400	
4 assistant engineers in forest products, at \$1,200 each.....	4,800	
1 assistant engineer in forest products.....	900	
1 chemical engineer in forest products.....	2,000	
1 chemical engineer in forest products.....	1,600	
2 assistant chemical engineers in forest products, at \$1,600 each.....	3,200	
1 assistant chemical engineer in forest products.....	1,500	
1 chemist in forest products.....	2,000	
1 chemist in forest products.....	1,800	
1 assistant chemist in forest products.....	1,600	
2 assistant chemists in forest products, at \$1,400 each.....	2,800	
4 assistant chemists in forest products, at \$1,200 each.....	4,800	
1 assistant chemist in forest products, at \$960 (5 months).....	400	
1 assistant physicist.....	1,200	
1 statistician in forest products.....	2,200	
1 statistician in forest products.....	1,600	
1 statistician in forest products.....	1,500	
1 microscopist in forest products.....	1,400	
1 practical paper maker.....	1,000	
3 laboratory aids and engineers, at \$900 each.....	2,700	
1 laboratory assistant.....	900	
1 laboratory assistant.....	800	
3 district engineers, at \$2,400 each.....	7,200	
2 hydroelectrical engineers, at \$2,400 each.....	4,800	
1 civil engineer.....	1,500	
1 civil engineer, at \$11 per diem (when actually employed).....	500	
1 logging engineer.....	2,500	
5 logging engineers, at \$2,400 each.....	12,000	
1 junior engineer.....	1,400	
1 mineral examiner.....	2,000	
2 mineral examiners, at \$1,900 each.....	3,800	
2 mineral examiners, at \$1,800 each.....	3,600	
1 land examiner.....	1,800	
1 land examiner.....	1,200	
1 lumberman.....	1,900	
4 lumbermen, at \$1,800 each.....	7,200	
1 lumber grader, at \$1,800 (3 months).....	450	
1 scaler.....	1,700	
2 scalers, at \$1,600 each.....	3,200	
2 scalers, at \$1,500 each.....	3,000	
2 scalers, at \$1,400 each.....	2,800	
5 scalers, at \$1,140 each (3 months).....	1,425	
2 scalers, at \$96 per month each (6 months).....	1,152	
1 scaler, at \$900 (6 months).....	450	
3 scalers, at \$900 each (3 months).....	675	
1 timber cruiser.....	1,800	
5 timber cruisers, at \$150 per month each (3 months).....	2,250	
6 assistant timber cruisers, at \$90 per month each (3 months).....	1,620	
1 plant ecologist.....	2,000	
3 grazing examiners, at \$1,500 each.....	4,500	
1 grazing examiner.....	1,400	
4 forest examiners, at \$2,200 each.....	8,800	
6 forest examiners, at \$2,000 each.....	12,000	
2 forest examiners, at \$1,900 each.....	3,800	
10 forest examiners, at \$1,800 each.....	18,000	
10 forest examiners, at \$1,700 each.....	17,000	
23 forest examiners, at \$1,600 each.....	36,800	
27 forest examiners, at \$1,500 each.....	40,500	
53 forest examiners, at \$1,400 each.....	81,200	
9 forest examiners, at \$1,300 each.....	11,700	
1 forest examiner.....	12	
1 forest examiner, at \$6 per diem (when actually employed).....	100	
1 forest examiner, at \$5 per diem (when actually employed).....	100	
37 forest assistants, at \$1,200 each.....	44,400	
59 forest assistants, at \$1,100 each.....	64,900	
1 forest assistant.....	1,000	
3 forest assistants, at \$12 each.....	36	
1 forest assistant, at \$8 per diem (when actually employed).....	100	
4 forest assistants, at \$5 per diem each (when actually employed).....	400	
1 forest assistant, at \$4.50 per diem (when actually employed).....	100	
3 forest assistants, at \$4 per diem each (when actually employed).....	300	
1 forest planting assistant.....	1,400	
1 forest planting assistant.....	1,300	
1 forest planting assistant.....	1,000	
1 superintendent of telephone construction.....	1,800	
5 surveyors, at \$1,500 each.....	7,500	
2 surveyors, at \$1,400 each.....	2,800	
5 surveyors, at \$1,200 each.....	6,000	
1 surveyor, at \$125 per month (3 months).....	375	
1 surveyor, at \$100 per month (3 months).....	300	
1 surveyor, at \$75 per month (3 months).....	225	
1 compositor.....	1,600	
1 expert, at \$11 per diem (when actually employed).....	100	
2 experts, at \$10 per diem each (when actually employed).....	1,000	
2 experts, at \$8 per diem each (when actually employed).....	200	
1 expert, at \$7 per diem (when actually employed).....	100	
1 expert, at \$6.67 per diem (when actually employed).....	100	
1 expert, at \$4.50 per diem (when actually employed).....	100	
1 agent.....	600	
1 agent, at \$1,100 (6 months).....	550	
1 collaborator, at \$300 (6 months).....	150	
8 collaborators, at \$12 each.....	96	
1 collaborator, at \$5.28 per diem (when actually employed).....	100	
2 clerks, at \$1,900 each.....	3,800	
1 clerk.....	1,800	
3 clerks, at \$1,600 each.....	4,800	
2 clerks, at \$1,400 each.....	2,800	
1 clerk.....	1,320	

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>		
Out of Washington—Continued.		
27 clerks, at \$1,200 each.....	\$32,400	
1 clerk, at \$1,200 (3 months).....	300	
26 clerks, at \$1,100 each.....	28,600	
1 clerk.....	1,020	
1 clerk.....	1,000	
22 clerks, at \$900 each.....	19,800	
1 clerk, at \$900 (9 months).....	675	
5 clerks, at \$900 each (6 months).....	2,250	
7 clerks, at \$900 each (3 months).....	1,575	
2 clerks, at \$900 each (2 months).....	300	
4 clerks, at \$720 each (3 months).....	720	
1 clerk, at \$720 (1 month).....	60	
1 minor clerk.....	600	
1 clerk, at \$3 per diem (when actually employed).....	300	
1 clerk, at \$2.50 per diem (when actually employed).....	300	
1 clerk, at \$2 per diem (when actually employed).....	300	
1 civil engineer and draftsman.....	1,900	
1 draftsman.....	1,400	
1 draftsman.....	1,000	
1 draftsman.....	900	
2 draftsmen, at \$1,200 each (6 months).....	1,200	
1 blue printer.....	720	
1 map colorist.....	900	
1 carpenter.....	1,200	
1 sawyer.....	1,000	
6 packers, at \$900 each (3 months).....	1,350	
1 telephone operator.....	600	
4 telephone operators, at \$300 each.....	1,200	
3 telephone operators, at \$180 each.....	540	
3 telephone operators, at \$120 each.....	360	
3 telephone operators, at \$60 each.....	180	
1 telephone operator, at \$900 (3 months).....	225	
2 telephone operators, at \$480 each (3 months).....	240	
1 telephone operator, at \$180 (3 months).....	45	
1 messenger boy.....	300	
2 unskilled laborers, at \$900 each.....	1,800	
4 unskilled laborers, at \$720 each.....	2,880	
5 unskilled laborers, at \$600 each.....	3,000	
2 unskilled laborers, at \$540 each.....	1,080	
5 unskilled laborers, at \$480 each.....	2,400	
1 unskilled laborer (temporary).....	420	
1 unskilled laborer (temporary).....	216	
3 unskilled laborers, at \$180 each (temporary).....	540	
1 unskilled laborer (temporary).....	120	
1 unskilled laborer (temporary).....	96	
1 unskilled laborer (temporary).....	84	
1 unskilled laborer (temporary).....	60	
1 unskilled laborer, at \$900 (6 months).....	480	
1 unskilled laborer, at \$720 (1 month).....	60	
2 unskilled laborers, at \$2 per diem each (when actually employed).....	240	
1 unskilled laborer, at 30 cents per hour (when actually employed).....	100	
1 unskilled laborer, at 25 cents per hour (when actually employed).....	100	
1 unskilled laborer, at 25 cents per hour (when actually employed).....	300	
1 forest supervisor.....	1,900	
1 deputy forest supervisor.....	1,800	
1 deputy forest supervisor.....	1,400	
3 forest rangers, at \$1,500 each.....	4,500	
1 forest ranger.....	1,400	
1 forest ranger.....	1,300	
6 forest rangers, at \$1,200 each.....	7,200	
1 forest ranger, at \$4 per diem (when actually employed).....	100	
1 deputy forest ranger.....	1,100	
1 deputy forest ranger.....	1,000	
2 assistant forest rangers, at \$1,500 each.....	3,000	
1 assistant forest ranger.....	1,200	
159 assistant forest rangers, at \$1,100 each.....	174,900	
3 assistant forest rangers, at \$900 each.....	2,700	
1 assistant forest ranger (temporary).....	12	
1 forest guard, at \$1,800 (6 months).....	900	
14 forest guards, at \$1,200 each (6 months).....	3,400	
39 forest guards, at \$1,100 each (6 months).....	21,450	
8 forest guards, at \$1,080 each (6 months).....	4,320	
3 forest guards, at \$1,020 each (6 months).....	1,530	
24 forest guards, at \$1,000 each (6 months).....	12,000	
6 forest guards, at \$960 each (6 months).....	2,880	
1,099 forest guards, at \$900 each (6 months).....	494,550	
1 forest guard, at \$840 (6 months).....	420	
1 forest guard, at \$800 (6 months).....	400	
11 forest guards, at \$780 each (6 months).....	4,290	
1 forest guard, at \$750 (6 months).....	375	
86 forest guards, at \$720 each (6 months).....	30,960	
4 forest guards, at \$660 each (6 months).....	1,320	
12 forest guards, at \$600 each (6 months).....	3,600	
1 forest guard, at \$540 (6 months).....	270	
2 forest guards, at \$480 each (6 months).....	480	
2 forest guards, at \$450 each (6 months).....	450	
2 forest guards, at \$360 each (6 months).....	360	
1 forest guard, at \$300 (6 months).....	150	
1 forest guard, at \$240 (6 months).....	120	
1 forest guard, at \$60 (6 months).....	30	
45 forest guards, at \$12 each (6 months).....	270	
206 forest guards, at \$3 per diem each (when actually employed—emergency).....	500	
1 forest guard, at \$2.75 per diem (when actually employed—emergency).....	25	
98 forest guards, at \$2.50 per diem each (when actually employed—emergency).....	500	
1 field assistant, at \$1,000 (6 months).....	500	
27 field assistants, at \$900 each (6 months).....	12,150	
13 field assistants, at \$720 each (6 months).....	4,680	
50 field assistants, at \$600 each (6 months).....	15,000	
Total.....	1,570,974	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Forest Service—Continued.</i>			
NOTE 2.—Salaries of forest examiners, lumber expert, examiners of surveys, assistants, record examiners, etc., carried on the lump funds named below on Aug. 31, 1913:			
ACQUISITION OF LANDS FOR PROTECTION OF WATERSHEDS OF NAVIGABLE STREAMS, FOREST SERVICE.			
Out of Washington:			
1 lumber expert.....	\$2,200		
1 timber estimator.....	1,800		
1 forest examiner.....	2,200		
1 forest examiner.....	1,800		
6 forest examiners, at \$1,400 each.....	8,400		
4 examiners of surveys, at \$1,500 each.....	6,000		
12 examiners of surveys, at \$1,400 each.....	16,800		
3 examiners of surveys, at \$1,200 each.....	3,600		
1 examiner of surveys.....	1,000		
1 forest assistant.....	1,400		
9 forest assistants, at \$1,200 each.....	10,800		
3 forest assistants, at \$1,100 each.....	3,300		
2 transitmen, at \$1,000 each.....	2,000		
2 transitmen, at \$900 each.....	1,800		
12 transitmen, at \$780 each.....	9,360		
3 transitmen, at \$720 each.....	2,160		
1 transitman.....	660		
4 transitmen, at \$600 each.....	2,400		
1 transitman.....	540		
2 transitmen, at \$480 each.....	960		
1 field assistant.....	780		
1 field assistant.....	660		
1 field assistant.....	600		
1 field assistant.....	540		
1 rodman.....	480		
1 agent, at \$4 per diem (when actually employed).....	1,200		
Total.....	\$3,440		
OFFICE OF THE SOLICITOR.			
1 law clerk.....	2,000		
3 record examiners, at \$1,800 each.....	5,400		
1 record examiner.....	1,680		
4 record examiners, at \$1,500 each.....	6,000		
4 typewriters, at \$1,000 each.....	4,000		
7 typewriters, at \$3.50 per diem each (when actually employed).....	7,350		
Total.....	26,430		
COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS, FOREST SERVICE.			
15 collaborators, at \$12 per annum each.....	180		
1 forest assistant, at \$5 per diem (when actually employed).....	1,500		
Total.....	1,680		
NOTE 3.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):			
Estimates, "Improvement of the national forests, 1915," \$400,000.	Appropriation, "Improvement of the national forests, 1913," \$400,000.		
Salaries..... \$15,000.00	Salaries..... \$16,344.67		
(Part time of forest officers detailed to improvement work from time to time.)	(Part time of forest officers detailed to improvement work from time to time.)		
Travel, etc..... 5,000.00	Travel, etc..... 6,157.32		
Labor and materials..... 380,000.00	Labor and materials..... 375,296.99		
Total estimate, 1915..... 400,000.00	Total expenditures, 1913..... 397,798.98		
Total appropriation, 1914..... 400,000.00			
Total for Forest Service, including statutory salaries (increase of \$143,577).....		\$5,543,256.00	\$5,399,679.00
BUREAU OF CHEMISTRY.			
<i>Salaries, Bureau of Chemistry—</i>			
One chemist, who shall be chief of bureau (<i>R. S., p. 87, secs. 522-523; act Mar. 4, 1913, vol. 37, pp. 830-831, sec. 1</i>).....	\$5,000.00		
One chief clerk (in lieu of 1 supervising clerk) (<i>same acts</i>).....	2,500.00		
Two executive clerks, at \$2,000 each (increase of 1 in lieu of 1 chief clerk, \$2,000) (<i>same acts</i>)..	4,000.00		
Seven clerks, class four (<i>same acts</i>).....	12,600.00		
Ten clerks, class three (increase of 1 by transfer from Division of Accounts) (<i>same acts</i>).....	16,000.00		
One clerk (<i>same acts</i>).....	1,440.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Chemistry—Continued.</i>		
Twelve clerks, class two (<i>R. S.</i> , p. 87, <i>secs.</i> 522-523; <i>act Mar. 4, 1913</i> , vol. 37, pp. 830-831, <i>sec. 1</i>).....	\$16,800.00	
One clerk (<i>same acts</i>).....	1,300.00	
Nineteen clerks, class one (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	22,800.00	
Thirteen clerks, at \$1,020 each (<i>same acts</i>).....	13,260.00	
Twelve clerks, at \$1,000 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	12,000.00	
One clerk (by transfer from lump fund) (<i>same acts</i>).....	960.00	
Twenty-three clerks, at \$900 each (increase of 2 by transfer from lump fund, and decrease of 1 by transfer to Secretary's roll, making net increase of 1) (<i>same acts</i>).....	20,700.00	
One clerk (<i>same acts</i>).....	840.00	
One chief food and drug inspector (<i>same acts</i>).....	3,000.00	
One food and drug inspector (<i>same acts</i>).....	2,250.00	
Thirteen food and drug inspectors, at \$2,000 each (<i>same acts</i>).....	26,000.00	
Thirteen food and drug inspectors, at \$1,800 each (<i>same acts</i>).....	23,400.00	
One food and drug inspector (<i>same acts</i>).....	1,620.00	
Eleven food and drug inspectors, at \$1,600 each (<i>same acts</i>).....	17,600.00	
Four food and drug inspectors, at \$1,400 each (<i>same acts</i>).....	5,600.00	
Four laboratory helpers, at \$1,200 each (<i>same acts</i>).....	4,800.00	
One laboratory helper (<i>same acts</i>).....	1,020.00	
Four laboratory helpers, at \$1,000 each (<i>same acts</i>).....	4,000.00	
Four laboratory helpers, at \$960 each (<i>same acts</i>).....	3,840.00	
Three laboratory helpers, at \$900 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)..	2,700.00	
Six laboratory helpers, at \$840 each (<i>same acts</i>).....	5,040.00	
Two laboratory helpers, at \$780 each (<i>same acts</i>).....	1,560.00	
Twenty laboratory helpers, messengers, or laborers, at \$720 each (<i>same acts</i>).....	14,400.00	
Two laboratory helpers, messengers, or laborers, at \$660 each (<i>same acts</i>).....	1,320.00	
Twenty-seven laboratory helpers, messenger boys, or laborers, at \$600 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	16,200.00	
One laboratory assistant (<i>same acts</i>).....	1,200.00	

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Chemistry—Continued.</i>			
One toolmaker (<i>R. S.</i> , p. 97, secs. 522-523; <i>act Mar. 4, 1913, vol. 37, pp. 930-831, sec. 1</i>).....	\$1,200.00		
One sampler (<i>same acts</i>).....	1,200.00		
One janitor (<i>same acts</i>).....	1,020.00		
One student assistant (<i>same acts</i>).....	300.00		
Two messengers, at \$840 each (<i>same acts</i>).....	1,680.00		
One skilled laborer (<i>same acts</i>).....	1,050.00		
One skilled laborer (<i>same acts</i>).....	840.00		
Two messenger boys or laborers, at \$540 each (<i>same acts</i>).....	1,080.00		
Eight messenger boys or laborers, at \$480 each (<i>same acts</i>).....	3,840.00		
Three messenger boys or laborers, at \$420 each (<i>same acts</i>).....	1,260.00		
One messenger boy or laborer (<i>same acts</i>).....	360.00		
Eight charwomen, at \$240 each (increase of 2 by transfer from lump fund) (<i>same acts</i>).....	1,920.00		
		\$281,500.00	\$273,860.00
Appropriations for 1905.....	\$14,800	Estimates for 1906.....	\$23,300
Appropriations for 1906.....	24,080	Estimates for 1907.....	29,060
Appropriations for 1907.....	28,260	Estimates for 1908.....	41,800
Appropriations for 1908.....	47,920	Estimates for 1909.....	66,720
Appropriations for 1909.....	66,720	Estimates for 1910.....	83,240
Appropriations for 1910.....	75,560	Estimates for 1911.....	79,360
Appropriations for 1911.....	79,360	Estimates for 1912.....	242,190
Appropriations for 1912.....	242,190	Estimates for 1913.....	262,940
Appropriations for 1913.....	254,660	Estimates for 1914.....	274,860
Appropriations for 1914.....	273,860	Estimates for 1915.....	281,500
NOTE.—Apparent increase, \$7,640; actual decrease, \$900, as follows:			
TRANSFER TO SECRETARY'S ROLL.			
1 clerk		\$900.00	
Actual decrease.....		900.00	
TRANSFERS FROM LUMP FUND, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.			
1 clerk, class 1.....	\$1,200.00		
1 clerk.....	1,000.00		
1 clerk.....	960.00		
2 clerks, at \$900 each.....	1,800.00		
1 laboratory helper.....	900.00		
1 laboratory helper, messenger boy, or laborer.....	600.00		
2 charwomen, at \$240 each.....	480.00		
TRANSFERRED FROM DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.			
1 clerk, class 3.....	\$1,600.00		
		\$8,540.00	
Apparent increase.....		7,640.00	
CHANGE OF TITLE.			
1 chief clerk, \$2,000, to 1 executive clerk, \$2,000.			
1 supervising clerk, \$2,500, to 1 chief clerk, \$2,500.			

General Expenses, Bureau of Chemistry—

For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collecting and reporting the results of such investigations, and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	
<i>General Expenses, Bureau of Chemistry—Continued.</i>			
For conducting the investigations contemplated by the act of May 15, 1862, relating to the application of chemistry to agriculture, [\$65,000;] \$52,400	\$52,400.00		
NOTE.—Apparent decrease \$12,600, but as one laboratory helper, messenger boy, or laborer, at \$600, has been transferred to the statutory roll the actual decrease in this item is \$12,000. This is on account of the discontinuance of the project on fermented food products.			
For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, [\$40,000;] \$14,000	14,000.00		
NOTE.—There is a decrease in the above item of \$26,000. This item is decreased because the work of testing contract supplies should be transferred to the Department of Commerce.			
For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, \$4,280.....	4,280.00		
For investigating the preparation for market, the handling, grading, packing, freezing, drying, storing, and transportation of poultry and eggs, and for experimental shipments of poultry and eggs within the United States, \$50,000.....	50,000.00		
NOTE.—Apparent increase, \$50,000. This amount has been transferred from the lump appropriation for the enforcement of the food and drugs act, under which appropriation the work has been formerly done, and that appropriation has been reduced accordingly. There is, therefore, no increase involved in this change.			
For investigating the handling, grading, packing, canning, freezing, storing, and transportation of fish, and for experimental shipments of fish, for the utilization of waste products, and the development of new sources of food, \$15,000.....	15,000.00		
NOTE.—This is a new item and involves an increase of \$15,000. It is for a line of work urgently needed on account of the great economic loss from faulty methods of handling fish and the loss from waste products. The amount estimated is the lowest with which the work can be started to advantage.			
For the inspection and other necessary investigation of the production, packing, handling, storing, and shipping of oysters and other shell fish in the United States and the waters bordering on the United States, for the purpose of furnishing information for the control of oysters and other shell fish under the food and drugs act, \$25,000.....	25,000.00		
NOTE.—This is a new item and involves an increase of \$25,000. The oyster is a valuable food product, but, like milk, must be handled with great care to prevent contamination. There is urgent need of scientific investigation of the best ways of producing and handling them. Owing to the extent of the oyster beds at least \$25,000 will be necessary for the first year's work.			
For the biological investigation of food and drug products and substances used in the manufacture thereof, \$20,000.....	\$20,000.00		
NOTE.—This is a new item and involves an increase of \$20,000. Biological problems are arising constantly in connection with the food and drugs act that must be solved before action can be taken. The solution of other problems along these lines will be of great benefit to the economic welfare and health of the people. The amount requested will enable the work to be started.			
In all, for general expenses, [\$109,280;] \$180,680 (increase of \$71,400); (<i>R. S.</i> , p. 37, sec. 520; act Mar. 4, 1913, vol. 37, p. 844, sec. 1).....	\$180,680.00	\$109,280.00	
Appropriations for 1905.....	\$135,000	Estimates for 1906.....	\$170,000
Appropriations for 1906.....	130,920	Estimates for 1907.....	162,980
Appropriations for 1907.....	145,920	Estimates for 1908.....	2 145,920
Appropriations for 1908.....	1 150,000	Estimates for 1909.....	2 150,000
Appropriations for 1909.....	1 160,000	Estimates for 1910.....	2 208,890
Deficiency act.....	100,000		
Appropriations for 1910.....	1 117,540	Estimates for 1911.....	2 114,000
Appropriations for 1911.....	1 114,000	Estimates for 1912.....	111,480
Appropriations for 1912.....	111,480	Estimates for 1913.....	101,280
Appropriations for 1913.....	89,280	Estimates for 1914.....	114,280
Appropriations for 1914.....	109,280	Estimates for 1915.....	180,680
1 Exclusive of amount provided under caption "General expenses" for enforcement of the food and drugs act. ¹			
2 Exclusive of amount asked for under caption "General expenses" for enforcement of the food and drugs act.			
NOTE 1.—Salaries of chiefs of laboratories, assistant chemists, scientific assistants, laboratory assistants, etc., carried on the lump funds named below on Aug. 31, 1913:			
GENERAL EXPENSES, BUREAU OF CHEMISTRY.			
MISCELLANEOUS INVESTIGATIONS.			
In Washington:			
1 chief of laboratory.....		\$3,500	
1 assistant chemist.....		2,520	
2 assistant chemists, at \$2,280 each.....		4,560	
1 assistant chemist.....		2,040	
4 assistant chemists, at \$1,620 each.....		6,480	
4 assistant chemists, at \$1,440 each.....		5,760	
Total.....		24,860	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
General Expenses, Bureau of Chemistry—Continued.		
AGRICULTURAL INVESTIGATIONS.		
In Washington:		
1 chief of laboratory.....	\$3,500	
1 chief of laboratory.....	3,000	
1 laboratory assistant.....	2,400	
2 assistant chemists, at \$2,040 each.....	4,080	
1 assistant chemist.....	2,000	
3 assistant chemists, at \$1,800 each.....	5,400	
4 assistant chemists, at \$1,620 each.....	6,480	
5 assistant chemists, at \$1,440 each.....	7,200	
1 scientific assistant.....	1,800	
Total.....	35,860	
Out of Washington:		
1 chief of laboratory.....	2,520	
1 assistant chemist.....	1,440	
1 unskilled laborer.....	600	
1 collaborator.....	300	
Total.....	4,860	
AMERICAN FOOD PRODUCTS.		
Out of Washington:		
1 assistant chemist, at \$1,620 (estimated).....	1,350	
2 assistant chemists, at \$1,440 each.....	2,880	
Total.....	4,230	
Enforcement of the Food and Drugs Act—		
For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June 30, 1906, entitled "An act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia. [\$675,000.] <i>\$654,301; and hereafter the Secretary of Agriculture may employ and designate scientific experts to make investigations and act as boards or committees to report to him upon questions arising in the enforcement of said act of June 30, 1906 (acts June 30, 1906, vol. 34, pp. 768-772, sec. 1; Mar. 4, 1913, vol. 37, pp. 844, 845, sec. 1).</i>		
	\$654,301.00	\$675,000.00
Appropriations for 1907.....	\$250,000	Estimates for 1908..... ² \$750,000
Appropriations for 1908.....	500,000	Estimates for 1909..... ² 600,000
Appropriations for 1909.....	¹ 600,000	Estimates for 1910..... ² 707,870
Appropriations for 1910.....	¹ 687,460	Estimates for 1911..... ² 677,340
Deficiency act.....	50,000	
Appropriations for 1911.....	¹ 702,340	Estimates for 1912..... 610,110
Appropriations for 1912.....	610,110	Estimates for 1913..... 650,000
Appropriations for 1913.....	625,000	Estimates for 1914..... 743,600
Appropriations for 1914.....	675,000	Estimates for 1915..... 654,301
¹ Actually appropriated as a portion of "General expenses, Bureau of Chemistry."		
² Actually included in estimates for "General expenses, Bureau of Chemistry."		
NOTE 1.—There is an apparent decrease in the above appropriation of \$20,699, but taking into consideration the transfer of \$50,000 from this appropriation to the lump-fund appropriation for general expenses for poultry and egg investigations, and the transfer of one clerk, at \$1,200; one clerk, at \$1,000; one clerk, at \$960; two clerks, at \$900 each; one laboratory helper, at \$900; and two charwomen, at \$240 each to the statutory roll of this bureau (\$6,340), making a total of \$56,340, there is an actual increase of \$35,641. The enactment of the Sherley amendment and the net-weight amendment to the food and drugs act, and the application of the food and drugs act to meat and meat-food products have greatly increased the work. It is important that certain lines of scientific investigation in connection with food and drug products be extended. New language authorizing the Secretary to employ and designate experts to make investigations has also been added.		
NOTE 2.—Salaries of chiefs of laboratories, chemists, assistant chemists, bacteriologists, special agents, experts, etc., carried on the lump fund named below on Aug. 31, 1913:		
ENFORCEMENT OF THE FOOD AND DRUGS ACT.		
In Washington:		
1 chief of laboratory and member of the Board of Food and Drug Inspection.....	\$4,000	
1 chief of division.....	4,000	
1 chief of division.....	3,800	
1 chief of division.....	3,600	
1 chief of division.....	3,500	
2 chiefs of laboratories, at \$3,250 each.....	6,500	
6 chiefs of laboratories, at \$3,000 each.....	18,000	
2 chiefs of laboratories, at \$2,760 each.....	5,520	
1 chief of laboratory.....	2,520	
1 chief of laboratory.....	2,280	
1 chief of laboratory.....	2,040	
1 chief of laboratory.....	2,000	
1 chief of office of information.....	2,500	
1 physiological chemist.....	2,280	
1 chemist aid.....	2,040	
1 fermentation chemist.....	2,040	
1 medicochemical analyst.....	2,040	
1 assistant chemist.....	2,520	
3 assistant chemists, at \$2,280 each.....	6,840	
6 assistant chemists, at \$2,040 each.....	12,240	
8 assistant chemists, at \$1,800 each.....	14,400	
12 assistant chemists, at \$1,620 each.....	19,440	
15 assistant chemists, at \$1,440 each.....	21,600	
3 assistant chemists, at \$1,200 each.....	3,600	
1 assistant chemist, at \$7 per diem (when actually employed).....	2,000	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
Enforcement of the Food and Drugs Act—Continued.		
In Washington—Continued.		
1 assistant chemist.....	\$900	
2 assistant chemists, at \$780 each.....	1,560	
2 assistant chemists, at \$720 each.....	1,440	
1 microanalyst.....	2,040	
2 microanalysts, at \$1,140 each.....	2,880	
1 scientific assistant.....	2,040	
1 scientific assistant.....	1,620	
2 scientific assistants, at \$1,440 each.....	2,880	
1 assistant bacteriologist.....	1,800	
1 dairy chemist.....	1,800	
1 pharmaceutical chemist.....	1,800	
1 assistant pharmacologist.....	1,620	
1 bacteriological chemist.....	1,440	
1 laboratory assistant.....	1,200	
1 editorial clerk.....	1,000	
2 laboratory helpers, at \$900 each.....	1,800	
4 clerks, at \$900 each.....	3,600	
1 clerk.....	720	
1 translator.....	900	
1 messenger boy.....	480	
1 messenger boy.....	360	
Total.....	185,180	
Out of Washington:		
1 chief of laboratory.....	4,000	
1 chief of laboratory.....	3,750	
1 chief of laboratory.....	3,250	
2 chiefs of laboratories, at \$2,760 each.....	5,520	
4 chiefs of laboratories, at \$2,520 each.....	10,080	
8 chiefs of laboratories, at \$2,280 each.....	18,240	
1 chief of laboratory.....	2,250	
1 chief of laboratory.....	1,800	
1 food inspection chemist.....	2,280	
2 food inspection chemists, at \$2,760 each.....	5,520	
1 food and drug inspection chemist.....	2,760	
1 food and drug inspection chemist, at \$9 per diem (when actually employed).....	900	
7 food and drug inspection chemists, at \$9 per diem each (when actually employed).....	2,100	
3 food and drug inspection chemists, at \$8 per diem each (when actually employed).....	900	
1 food and drug inspection chemist, at \$7 per diem (when actually employed).....	400	
1 food technologist.....	2,500	
2 assistant chemists, at \$2,520 each.....	5,040	
1 assistant chemist.....	2,280	
1 assistant chemist.....	2,040	
15 assistant chemists, at \$1,800 each.....	27,000	
18 assistant chemists, at \$1,620 each.....	29,160	
13 assistant chemists, at \$1,440 each.....	18,720	
4 assistant chemists, at \$900 each.....	3,600	
1 assistant chemist.....	840	
8 assistant chemists, at \$720 each.....	5,760	
1 assistant chemist.....	600	
1 bacteriologist.....	2,500	
1 bacteriologist.....	1,200	
1 bacteriologist.....	1,440	
1 investigator in poultry and egg handling.....	2,220	
2 investigators in poultry and egg handling, at \$1,800 each.....	3,600	
3 investigators in poultry and egg handling, at \$1,440 each.....	4,320	
1 investigator in poultry and egg handling.....	1,200	
1 microanalyst.....	1,620	
1 microanalyst, at \$7 per diem (when actually employed).....	2,100	
1 assistant bacteriologist.....	1,620	
1 chemical bacteriologist.....	1,620	
1 pharmacognosist, at \$10 per diem (when actually employed).....	1,200	
1 pharmacognosist, at \$9 per diem (when actually employed).....	200	
1 artist, at \$9 per diem (when actually employed).....	400	
1 expert, at \$9 per diem (when actually employed).....	400	
7 experts, at \$8 per diem each (when actually employed).....	2,100	
1 scientific assistant, at \$8 per diem (when actually employed).....	1,200	
25 collaborating chemists, at \$8 per diem each (when actually employed).....	5,000	
2 collaborating chemists, at \$1 per annum each.....	2	
7 special agents, at \$8 per diem each (when actually employed).....	2,100	
1 special agent, at \$6 per diem (when actually employed).....	300	
1 clerk.....	1,200	
1 clerk.....	960	
1 clerk.....	600	
3 clerks, at \$900 each.....	2,700	
1 collaborator.....	300	
1 collaborating clerk.....	300	
1 collaborating clerk.....	240	
1 unskilled laborer.....	600	
2 laboratory helpers, at \$600 each.....	1,200	
Total.....	205,732	
REFEREE BOARD.		
Out of Washington:		
5 consulting scientific experts, at \$2,000 each.....	10,000	
1 expert, at \$55 per month.....	660	
1 collaborating stenographer.....	300	
Total.....	10,960	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Enforcement of the Food and Drugs Act—Continued.</i>		
NOTE 3.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):		
Estimates, "Enforcement of the Food and Drugs Act, 1915," \$708,660.	Appropriation, "Enforcement of the Food and Drugs Act, 1913," \$590,000. (Less \$35,000 allotted to referee board.)	
Salaries..... \$447,000.00	Salaries..... \$351,222.26	
As follows: 1 assistant chief, at \$4,000. 1 associate chemist, at \$4,000. 2 members board of food and drug inspection, at \$4,000 each. 2 chiefs of division, at \$4,000 each. 1 chief of division, at \$3,800. 1 chief of division, at \$3,600. 1 chief of division, at \$3,500. 2 chiefs of laboratories, at \$4,000 each. 2 chiefs of laboratories, at \$3,750 each. 2 chiefs of laboratories, at \$3,500 each. 2 chiefs of laboratories, at \$3,250 each. 5 chiefs of laboratories, at \$3,000 each. 4 chiefs of laboratories, at \$2,760 each. 6 chiefs of laboratories, at \$2,520 each. 10 chiefs of laboratories, at \$2,280 each. 4 chiefs of laboratories, at \$2,040 each. 4 assistant chemists, at \$2,520 each. 2 assistant chemists, at \$2,200 each. 10 assistant chemists, at \$2,040 each. 25 assistant chemists, at \$1,800 each. 32 assistant chemists, at \$1,620 each. 60 assistant chemists, at \$1,440 each. 10 assistant chemists, at \$1,200 each. 2 food and drug inspection chemists, at \$2,760 each. 2 food and drug inspection chemists, at \$2,520 each. 2 food and drug inspection chemists, at \$2,280 each. 4 food and drug inspection chemists, at \$1,800 each. 9 food and drug inspection chemists, at \$9 per diem each. 6 food and drug inspection chemists, at \$8 per diem each. 4 food and drug inspection chemists, at \$4 per diem each. 1 physiological chemist, at \$2,500. 2 physiological chemists, at \$2,280 each. 4 scientific assistants, at \$2,040 each. 4 scientific assistants, at \$1,620 each. 4 scientific assistants, at \$1,440 each. 1 scientific assistant, at \$8 per diem. 1 assistant bacteriologist, at \$2,040. 1 assistant bacteriologist, at \$1,800. 2 assistant bacteriologists, at \$1,620 each. 2 assistant bacteriologists, at \$1,400 each. 1 dairy chemist, at \$1,800. 1 mediochemical analyst, at \$1,800. 1 microanalyst, at \$1,800. 2 microanalysts, at \$1,620 each. 2 microanalysts, at \$1,440 each. 1 microanalyst, at \$7 per diem. 1 pharmaceutical chemist, at \$1,800. 1 pharmaceutical chemist, at \$1,620. 1 pharmaceutical chemist, at \$1,440. 1 food technologist, at \$2,500. 1 bacteriologist, at \$3,500. 1 bacteriologist, at \$2,500. 2 bacteriologists, at \$2,000 each. 1 pharmacognosist, at \$10 per diem. 1 pharmacognosist, at \$9 per diem. 1 special agent, at \$10 per diem. 1 special agent, at \$9 per diem. 5 special agents, at \$8 per diem each. 1 special agent, at \$6 per diem. 2 experts, at \$9 per diem each. 8 experts, at \$8 per diem each. 24 collaborating chemists, at \$8 per diem each. 1 artist, at \$9 per diem. 4 collaborating clerks, at \$300 each.	As follows: 1 assistant chief and chief of food division, at \$4,000. 1 associate chemist, at \$4,000. 1 chief of laboratory and member of board of food and drug inspection, at \$4,000. 1 chief of division, at \$4,000. 1 chief of division, at \$3,800. 1 chief of division, at \$3,600. 1 chief of laboratory, at \$4,000. 1 chief of laboratory, at \$3,750. 2 chiefs of laboratories, at \$3,250 each. 4 chiefs of laboratories, at \$3,000 each. 5 chiefs of laboratories, at \$2,760 each. 6 chiefs of laboratories, at \$2,520 each. 1 chief of laboratory, at \$2,500. 8 chiefs of laboratories, at \$2,280 each. 2 chiefs of laboratories, at \$2,250 each. 4 chiefs of laboratories, at \$2,040 each. 1 chief of laboratory, at \$2,000. 1 chief of laboratory, at \$1,800. 2 assistant chemists, at \$2,520 each. 1 assistant chemist, at \$2,200. 8 assistant chemists, at \$2,040 each. 1 assistant chemist, at \$2,000. 22 assistant chemists, at \$1,800 each. 29 assistant chemists, at \$1,620 each. 53 assistant chemists, at \$1,440 each. 2 assistant chemists, at \$900 each. 7 assistant chemists, at \$720 each (temporary). 1 assistant chemist, at \$600 (temporary). 2 assistant chemists, at \$7 per diem each. 1 assistant chemist, at \$6 per diem (temporary). 2 food inspection chemists, at \$2,760 each. 1 food inspection chemist, at \$2,280. 1 food and drug inspection chemist, at \$2,520. 9 food and drug inspection chemists, at \$9 per diem each. 5 food and drug inspection chemists, at \$8 per diem each. 1 food and drug inspection chemist, at \$7 per diem. 1 chief of office of information, at \$2,500. 1 physiological chemist, at \$2,280. 1 chemist aid, at \$2,040. 1 fermentation chemist, at \$2,040. 1 scientific assistant, at \$2,040. 2 scientific assistants, at \$1,800 each. 2 scientific assistants, at \$1,620 each. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, at \$8 per diem. 1 assistant bacteriologist, at \$1,800. 1 assistant bacteriologist, at \$1,620. 1 bacteriological chemist, at \$1,440. 1 dairy chemist, at \$1,800. 1 mediochemical chemist, at \$1,800. 1 microanalyst, at \$1,800. 1 microanalyst, at \$1,620. 2 microanalysts, at \$1,440 each. 1 microanalyst, at \$7 per diem. 1 pharmaceutical chemist, at \$1,800. 1 pharmaceutical chemist, at \$1,620. 1 assistant pharmacologist, at \$1,620. 1 laboratory assistant, at \$1,200. 1 food technologist, at \$2,500. 1 bacteriologist, at \$2,500. 1 bacteriologist, at \$1,440. 1 bacteriologist, at \$1,200. 1 investigator in poultry and egg handling, at \$2,220. 1 investigator in poultry and egg handling, at \$1,800. 3 investigators in poultry and egg handling, at \$1,410 each. 1 investigator in poultry and egg handling, at \$1,200. 1 chemical bacteriologist, at \$1,620. 1 pharmacognosist, at \$9 per diem. 1 pharmacognosist, at \$10 per diem. 1 investigator in canning, at \$1,800 (temporary). 1 special agent, at \$10 per diem. 1 special agent, at \$9 per diem. 5 special agents, at \$8 per diem each. 1 special agent, at \$6 per diem.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Enforcement of Food and Drugs Act—Continued.</i>			
Estimates, "Enforcement of the Food and Drugs Act, 1915," \$708,660.	Appropriation, "Enforcement of the Food and Drugs Act, 1913," \$590,000. (Less \$35,000 allotted to referee board.)		
	Salaries, as follows—Continued. 2 experts, at \$9 per diem each. 8 experts, at \$8 per diem each. 24 collaborating chemists, at \$8 per diem each. 2 collaborating chemists, at \$1 per annum each. 1 artist, at \$9 per diem. 1 supervising clerk, at \$2,500. 1 agent, at \$9 per diem. 1 editorial clerk, at \$1,000. 11 clerks, at \$900 each (mostly temporary). 1 clerk, at \$1,200. 1 clerk, at \$960. 1 clerk, at \$840. 1 clerk, at \$3 per diem. 1 translator, at \$900 (temporary). 4 collaborating clerks, at \$300 each. 1 collaborating clerk, at \$240. 1 sampler, at \$1,200. 2 unskilled laborers, at \$600 each. 4 unskilled laborers, at \$2 per diem each. 3 collaborators, at \$300 each. 1 collaborator, at \$120. 2 janitor-collaborators, at \$300 each. 1 laboratory helper, at \$900. 1 laboratory helper, at \$720. 4 laboratory helpers, at \$600. 1 messenger boy, at \$300.		
Traveling expenses.....	\$77,660.00	Traveling expenses.....	\$67,429.78
Supplies and equipment.....	121,000.00	Supplies and equipment.....	110,137.83
Miscellaneous expenses.....	38,000.00	Miscellaneous expenses.....	34,643.83
Total estimate, 1915, for Bureau of Chemistry.....	683,660.00	Total expenditures, 1913, for Bureau of Chemistry.....	563,433.70
REFEREE BOARD OF CONSULTING SCIENTIFIC EXPERTS.			
Allotment to referee board, 1915, \$25,000.		Allotment to referee board, 1913, \$35,000.	
Salaries.....	\$20,000.00	Salaries.....	\$14,499.68
As follows:		As follows:	
5 consulting scientific experts, at \$2,000 each.		5 consulting scientific experts, at \$2,000 each.	
1 expert, at \$250 per month.		1 expert, at \$250 per month.	
2 experts, at \$200 per month each.		2 experts, at \$200 per month each.	
1 expert, at \$100 per month.		1 expert, at \$100 per month.	
1 expert, at \$55 per month.		1 expert, at \$55 per month.	
1 analytical chemist, at \$100 per month.		1 analytical chemist, at \$100 per month.	
1 chemist, at \$75 per month.		1 chemist, at \$75 per month.	
1 agent, at \$100 per month.		1 agent, at \$100 per month.	
1 agent, at \$80 per month.		1 agent, at \$80 per month.	
1 agent, at \$50 per month.		1 agent, at \$50 per month.	
2 clerk-typewriters, at \$50 per month each.		2 clerk-typewriters, at \$50 per month each.	
2 collaborating subjects for experimentation, at \$30 per month each.		2 collaborating subjects for experimentation, at \$30 per month each.	
1 collaborating stenographer, at \$25 per month.		1 collaborating stenographer, at \$25 per month.	
Traveling expenses.....	1,000.00	Traveling expenses.....	578.19
Supplies and equipment.....	2,000.00	Supplies and equipment.....	1,269.57
Miscellaneous expenses.....	2,000.00	Miscellaneous expenses.....	746.98
Total estimate, 1915, for referee board.....	25,000.00	Total expenditures, 1913, for referee board.....	17,094.42
Total allotment, 1914, for referee board.....	50,000.00	Grand total expenditures, 1913.....	580,528.12
Grand total estimate, 1915.....	708,660.00		
Grand total appropriation, 1914.....	675,000.00		
Increase.....	33,660.00		
Total for Bureau of Chemistry, including statutory salaries (increase of \$58,341).....		\$1,116,481.00	\$1,058,140.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
BUREAU OF SOILS.		
<i>Salaries, Bureau of Soils—</i>		
One soil physicist, who shall be chief of bureau (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, p. 845, sec. 1).....	\$4,000.00	
One chief clerk (<i>same acts</i>).....	2,000.00	
One executive assistant (<i>same acts</i>).....	2,000.00	
Four clerks, class 4 (increase of one by transfer from lump fund) (<i>same acts</i>).....	7,200.00	
Two clerks, class 3 (<i>same acts</i>).....	3,200.00	
Four clerks, class 2 (<i>same acts</i>).....	5,600.00	
One clerk (<i>same acts</i>).....	1,260.00	
Eight clerks, class 1 (<i>same acts</i>).....	9,600.00	
Five clerks, at \$1,000 each (increase of one by transfer from lump fund) (<i>same acts</i>).....	5,000.00	
Three clerks, at \$900 each (<i>same acts</i>).....	2,700.00	
One soil cartographer (<i>same acts</i>).....	1,800.00	
One soil bibliographer or draftsman (change of title from 1 soil bibliographer at same salary) (<i>same acts</i>).....	1,400.00	
NOTE.—This change of title is recommended to enable the bureau to employ the services of a soil bibliographer or draftsman as the needs of the bureau may develop from time to time. The change of title will materially improve the efficiency of the position.		
One photographer (<i>same acts</i>).....	1,200.00	
Five draftsmen, at \$1,200 each (increase of one by transfer from lump fund) (<i>same acts</i>).....	6,000.00	
One clerk-draftsman (by transfer from lump fund) (<i>same acts</i>).....	1,200.00	
One draftsman (<i>same acts</i>).....	1,000.00	
One messenger (<i>same acts</i>).....	840.00	
Three messengers, messenger boys, or laborers, at \$480 each (<i>same acts</i>).....	1,440.00	
Two laborers, at \$600 each (increase of one by transfer from lump fund) (<i>same acts</i>).....	1,200.00	
One laborer (<i>same acts</i>).....	300.00	
One charwoman or laborer (<i>same acts</i>).....	480.00	
Appropriations for 1905.....	\$44,680	
Appropriations for 1906.....	34,660	
Appropriations for 1907.....	36,460	
Appropriations for 1908.....	36,980	
Appropriations for 1909.....	34,700	
Appropriations for 1910.....	35,500	
Appropriations for 1911.....	37,420	
Appropriations for 1912.....	48,320	
Appropriations for 1913.....	50,540	
Appropriations for 1914.....	53,620	
Estimates for 1906.....	\$44,680	
Estimates for 1907.....	36,460	
Estimates for 1908.....	37,240	
Estimates for 1909.....	40,600	
Estimates for 1910.....	34,500	
Estimates for 1911.....	37,420	
Estimates for 1912.....	52,020	
Estimates for 1913.....	57,330	
Estimates for 1914.....	57,420	
Estimates for 1915.....	59,420	
	\$59,420.00	
		\$53,620.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
Salaries, Bureau of Soils—Continued.		
NOTE.—Apparent increase, \$5,800, as follows:		
TRANSFERS FROM LUMP FUND, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 4 (soil survey)..... \$1,800.00 1 clerk (soil survey)..... 1,000.00 1 draftsman (soil survey)..... 1,200.00 1 clerk-draftsman (soil survey)..... 1,200.00 1 laborer (administrative expenses)..... 600.00		
	\$5,800.00	
Apparent increase.....	5,800.00	
CHANGE OF TITLE.		
1 soil bibliographer, at \$1,400, changed to 1 soil bibliographer or draftsman at same salary.		
General Expenses, Bureau of Soils—		
For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:		
For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, [§18,135;] \$22,350 (act Mar. 4, 1913, vol. 37, p. 845, sec. 1).....		\$22,350.00
NOTE.—Increase of \$1,215. The laboratory work authorized under this appropriation is of fundamental importance to a knowledge of chemistry of the soils. This work requires exceedingly careful and painstaking analyses. The pressure of other lines of endeavor has required a temporary curtailment of some of these investigations. The small increase recommended is the minimum with which it is believed the several investigations may be resumed and continued, and provide for the necessary laboratory supplies and additional equipment.		
For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, [§11,265;] \$19,470 (same act).....		19,470.00
NOTE.—Increase of \$8,205. The physical investigations have been inadequately covered because of the limited means available for employing scientists in purely investigation work. For this reason the subjects of soil aeration, heat conductivity, and soil temperature, and their relations to productivity have not been studied during the last year. The importance of the subjects should require the entire energies of an investigator in each. A part of the increase asked is required for special equipment necessary in the study of soil moisture and soil texture and in paying for additional aid in routine physical work.		
For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, [§27,200;] \$32,700 (act Mar. 4, 1913, vol. 37, p. 845, sec. 1).....		32,700.00
NOTE.—Increase of \$5,500, of which amount \$1,500 is for the erection and equipment of a field soil workhouse or laboratory necessitated by the development of the field work, to be used for the mixing of the chemicals and in the field tests, for the handling of the soils experimented with, for the preparation of solutions required in the field work, for the examination of field samples for the biochemical properties, and for such other laboratory facilities as the field and greenhouse tests on soils require. One thousand five hundred dollars is for the erection of a greenhouse in connection with the above soil workhouse or laboratory to be used for all soil and solution culture tests, which is now being done in inadequate quarters. It has become urgently necessary to erect a greenhouse more favorably located and with proper equipment for controlling the conditions improved by the scientific work for which it is required. These two items, aggregating \$3,000, are therefore for permanent equipment, and apply to this year only, the remaining \$2,500 is for the increase of the work proper, and is for the employment of an additional scientist to assist in the investigation on the maintenance of soil fertility.		
For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers, [§25,000] \$31,500 (same act)....		31,500.00
NOTE.—Increase of \$6,500. The increase asked for in investigations of fertilizer resources is intended for use entirely in investigating sources of nitrogen for fertilizers. The field is a comparatively new one, but the importance of the subject warrants a considerable increase. Expensive equipment is necessary for the proper study of nitrogen fixation. The investigation of wastes in cities and from garbage, night soil, sweepings, etc., for use as fertilizer is of importance and would require the expenditure of part of the increase requested.		
[For the investigation of soils and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$175,000;]		
For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$169,800 (same act).....		169,800.00
NOTE.—The wording of the above item has been changed to conform more closely with the work done. The apparent decrease is \$5,200, but as one clerk at \$1,800, one draftsman at \$1,200, one clerk-draftsman at \$1,200, and one clerk at \$1,000, aggregating \$5,200, have been transferred to the statutory roll, there is no change in the amount of the appropriation.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	
<i>General Expenses, Bureau of Soils—Continued.</i>			
For the examination and classification of agricultural lands in forest reserves in cooperation with the Forest Service, \$20,000 (<i>act Mar. 4, 1913, vol. 37, p. 845, sec. 1</i>)	\$20,000. 00		
For general administrative expenses connected with the above-mentioned lines of investigation, [\$3,800;] \$3,200 (<i>same act</i>)	3,200. 00		
NOTE.—Apparent decrease \$600, but as one laborer at \$600 has been transferred to the statutory roll there is no change in this item.			
In all, for general expenses, [\$280,400,] \$299,020 (increase \$18,620)	\$299,020. 00	\$280,400. 00	
Appropriations for 1905	\$170,000	Estimates for 1906	\$205,320
Appropriations for 1906	170,000	Estimates for 1907	200,000
Appropriations for 1907	185,000	Estimates for 1908	200,000
Appropriations for 1908	170,000	Estimates for 1909	200,000
Appropriations for 1909	200,000	Estimates for 1910	252,600
Appropriations for 1910	197,360	Estimates for 1911	193,600
Appropriations for 1911	193,600	Estimates for 1912	228,700
Appropriations for 1912	213,740	Estimates for 1913	284,370
Appropriations for 1913	250,880	Estimates for 1914	315,400
Appropriations for 1914	280,400	Estimates for 1915	299,020
NOTE 1.—Salaries of scientists, field assistants, collaborators, etc., carried on the lump funds named below on Aug. 31, 1913:			
GENERAL EXPENSES, BUREAU OF SOILS.			
CHEMICAL INVESTIGATIONS.			
In Washington:			
1 scientist in soil laboratory investigations, at \$3,750 (4 months)	\$1,250		
1 scientist in soil laboratory investigations	2,220		
1 scientist in soil laboratory investigations, at \$1,800 (6 months)	900		
3 scientists in soil laboratory investigations, at \$1,800 each	5,400		
1 scientist in soil laboratory investigations	1,620		
1 scientist in soil laboratory investigations	1,440		
2 scientists in soil laboratory investigations, at \$1,200 each	2,400		
1 laboratory helper	720		
Total	15,950		
PHYSICAL INVESTIGATIONS.			
In Washington:			
1 scientist in soil laboratory investigations, at \$3,750 (4 months)	1,250		
1 scientist in soil laboratory investigations	2,500		
1 scientist in soil laboratory investigations, at \$1,800 (6 months)	900		
1 scientist in soil laboratory investigations	1,600		
1 scientist in soil laboratory investigations	1,500		
1 scientist in soil laboratory investigations	1,200		
1 laboratory helper	720		
Total	9,670		
SOIL FERTILITY INVESTIGATIONS.			
In Washington:			
1 scientist in soil laboratory investigations	3,750		
1 scientist in soil laboratory investigations	2,750		
1 scientist in soil laboratory investigations	2,500		
1 scientist in soil laboratory investigations	2,040		
2 scientists in soil laboratory investigations, at \$1,980 each	3,960		
1 scientist in soil laboratory investigations	1,740		
2 scientists in soil laboratory investigations, at \$1,440 each	2,880		
Total	19,620		
Out of Washington:			
1 scientist in soil laboratory investigations	1,320		
INVESTIGATIONS OF FERTILIZER RESOURCES.			
In Washington:			
1 scientist in soil laboratory investigations, at \$3,750 (4 months)	1,250		
1 scientist in soil laboratory investigations	2,400		
1 scientist in investigations of fertilizer resources	2,400		
2 scientists in soil laboratory investigations, at \$1,440 each	2,880		
Total	8,930		
Out of Washington:			
1 scientist in soil laboratory investigations	2,400		
2 scientists in kelp investigations, at \$200 per month (4 months)	1,600		
1 scientist in kelp investigations, at \$125 per month (2 months)	250		
1 analyst	1,440		
1 field assistant, at \$60 per month (2½ months)	150		
1 collaborator	100		
Total	5,940		
SOIL SURVEY INVESTIGATIONS.			
In Washington:			
1 scientist in soil survey	3,750		
1 scientist in soil survey	3,250		
1 clerk	1,800		
1 clerk (draftsman)	1,200		
1 copyist topographic draftsman	1,000		
1 clerk (typewriter)	840		
Total	11,840		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Soils—Continued.</i>		
SOIL SURVEY INVESTIGATIONS—continued.		
Out of Washington:		
6 scientists in soil survey, at \$2,280 each.....	\$13,680	
1 scientist in soil survey.....	2,060	
1 scientist in soil survey.....	1,989	
2 scientists in soil survey, at \$1,920 each.....	3,840	
1 scientist in soil survey.....	1,800	
1 scientist in soil survey.....	1,800	
1 scientist in soil survey, at \$1,800 (temporary).....	345	
4 scientists in soil survey, at \$1,740 each.....	6,960	
7 scientists in soil survey, at \$1,620 each.....	11,340	
2 scientists in soil survey, at \$1,600 each.....	3,200	
3 scientists in soil survey, at \$1,560 each.....	4,680	
8 scientists in soil survey, at \$1,440 each.....	11,520	
6 scientists in soil survey, at \$1,320 each.....	7,920	
9 scientists in soil survey, at \$1,200 each.....	10,800	
1 scientist in soil survey, at \$100 per month (4 months).....	400	
6 scientists in soil survey, at \$1,080 each.....	6,480	
1 field assistant, at \$75 per month (3 months).....	225	
36 collaborators, at \$1 per annum.....	36	
Total.....	89,066	
CLASSIFICATION OF AGRICULTURAL LANDS.		
Out of Washington:		
2 scientists in soil survey, at \$1,920 each.....	3,840	
3 scientists in soil survey, at \$1,800 each.....	5,400	
1 scientist in soil survey.....	1,620	
2 scientists in soil survey, at \$1,440 each.....	2,880	
1 scientist in soil survey.....	1,320	
Total.....	15,060	
ADMINISTRATIVE EXPENSES.		
In Washington:		
1 laborer.....	600	
Total for Bureau of Soils, including statutory salaries (increase of \$24,420).....	\$358,440.00	\$334,020.00
BUREAU OF ENTOMOLOGY.		
<i>Salaries, Bureau of Entomology—</i>		
One entomologist, who shall be chief of bureau (increase of \$500 submitted) (<i>R. S.</i> , p. 87, <i>secs.</i> 522, 523; <i>act Mar. 4, 1913, vol. 37, pp. 845, 846, sec. 1</i>).....	\$5,000.00	
One chief clerk and executive assistant (change of title from executive assistant) (<i>same acts</i>)..	2,250.00	
One financial clerk (in lieu of 1 clerk, class 4) (<i>same acts</i>).....	1,800.00	
NOTE.—One chief clerk, \$1,800, is changed to clerk, class 4, as below.		
Three clerks, class 4 (increase of 2, 1 in lieu of 1 chief clerk, and 1 by transfer from lump fund, and decrease of 1 by transfer to financial clerk, making net increase of 1) (<i>same acts</i>).....	5,400.00	
Three clerks, class 3 (<i>same acts</i>).....	4,800.00	
Eight clerks, class 2 (increase of 2, 1 by transfer from lump fund, and 1 by transfer from Division of Accounts) (<i>same acts</i>).....	11,200.00	
Seven clerks, class 1 (increase of 2 by transfer from lump fund) (<i>same acts</i>).....	8,400.00	
Seven clerks, at \$1,000 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	7,000.00	
Two clerks, at \$900 each (by transfer from lump fund) (<i>same acts</i>).....	1,800.00	
NOTE.—One superintendent of moth work, at \$2,750, and 1 entomological assistant, at \$1,800, are omitted.		
Two entomological draftsmen, at \$1,400 each (<i>same acts</i>).....	2,800.00	
One entomological draftsman (<i>same acts</i>).....	1,080.00	
Four foremen, at \$1,080 each (<i>same acts</i>).....	4,320.00	
Two entomological preparators, at \$840 each (<i>same acts</i>).....	1,680.00	
One entomological preparator (<i>same acts</i>).....	720.00	
Six entomological preparators, at \$600 each (<i>same acts</i>).....	3,600.00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Bureau of Entomology—Continued.</i>		
One messenger (<i>R. S.</i> , p. 87, secs. 522, 523; <i>act Mar. 4, 1913</i> , vol. 37, pp. 845, 846, sec. 1).....	\$840.00	
Two messengers or laborers, at \$720 each (<i>same acts</i>).....	1,440.00	
Four messenger boys, at \$360 each (by transfer from lump fund) (<i>same acts</i>).....	1,440.00	
One mechanic (<i>same acts</i>).....	840.00	
One laborer (<i>same acts</i>).....	540.00	
Two charwomen, at \$480 each (<i>same acts</i>).....	960.00	
One charwoman (<i>same acts</i>).....	240.00	
	\$68,150.00	\$60,960.00
Appropriations for 1905..... \$12,450	Estimates for 1906..... \$12,450	
Appropriations for 1906..... 16,410	Estimates for 1907..... 21,380	
Appropriations for 1907..... 19,610	Estimates for 1908..... 22,460	
Appropriations for 1908..... 22,210	Estimates for 1909..... 26,360	
Appropriations for 1909..... 26,160	Estimates for 1910..... 27,880	
Appropriations for 1910..... 29,280	Estimates for 1911..... 29,280	
Appropriations for 1911..... 29,280	Estimates for 1912..... 60,130	
Appropriations for 1912..... 60,130	Estimates for 1913..... 53,630	
Appropriations for 1913..... 58,750	Estimates for 1914..... 62,660	
Appropriations for 1914..... 60,960	Estimates for 1915..... 68,150	

NOTE.—Apparent increase, \$7,190; actual decrease, \$4,050, as follows:

PROMOTION.		
1 chief of bureau, from \$4,500 to \$5,000.....		\$500.00
PLACES DROPPED.		
1 superintendent of moths.....	\$2,750.00	
1 entomological assistant.....	1,800.00	
		4,550.00
Actual decrease.....		4,050.00
TRANSFERS FROM LUMP FUND, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 4 (Mediterranean fly).....	1,800.00	
1 clerk, class 2 (tropical fruits).....	1,400.00	
2 clerks, class 1 (moths and cereal and forage insects).....	2,400.00	
1 clerk (southern field insects).....	1,000.00	
2 clerks, at \$900 (moths and deciduous fruit).....	1,800.00	
4 messenger boys, at \$360 (moths, forest insects, and 2 miscellaneous insects).....	1,440.00	
	9,840.00	
TRANSFER FROM THE DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 2.....	1,400.00	
		11,240.00
Apparent increase.....		7,190.00

CHANGE OF TITLE.

Chief clerk, \$1,800, to clerk, class 4.
Executive assistant, \$2,250, to chief clerk and executive assistant, \$2,250.
1 clerk, class 4, to financial clerk, \$1,800.

General Expenses, Bureau of Entomology—

For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects [affecting deciduous fruits, orchards, vineyards, and nuts] injurious to orchards, nurseries, vineyards, and similar crops, [\$45,000] \$59,100 (*act Mar. 4, 1913*, vol. 37, p. 846, sec. 1)..... 59,100.00

NOTE.—Apparent increase, \$14,100; actual increase, \$15,000, as one clerk, at \$900, has been transferred to the statutory roll. A slight change has also been made in the wording of this item. The codling moth occasions each year a loss to apple growers of some \$12,000,000, and something like \$5,000,000 are being spent annually in spraying operations against it. The investigations already accomplished under this project have resulted in a decided increase in efficiency of spraying operations in regions where the work has been carried on, and it is desired to extend the work to other fruit-growing districts, but this will be impossible unless additional funds are appropriated. If the increase asked for is allowed it is proposed to establish in one of the southeastern States, and also in the Rocky Mountain region, laboratories for the study of the codling moth. There is a demand for further studies of the woolly apple aphid in orchards, and biological studies in connection with plant lice affecting apples, and the investigations of apple-tree borers underway should be continued and extended to additional fruit-growing sections. Numerous other apple pests require attention; for example, the apple maggot in the New England States, scale insects, bud moth, etc. There is also a growing demand for further investigations in connection with insects affecting the peach and pecan, and further investigations relating to the usefulness, methods of propagation, and spread of various insects predatory upon orchard and other pests, such as the so-called ladybird beetles or coccinellidae.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
For investigations of insects affecting cereal and forage plants , including insects affecting wheat, corn, oats, rye, barley, alfalfa, clover, etc., \$90,000, of which amount not to exceed \$10,000, shall be expended for the investigation of the range caterpillar; crops , \$114,500 (act Mar. 4, 1913, vol. 37, p. 846, sec. 1).....	\$114,500.00	
<small>NOTE.—Apparent increase, \$24,500; actual increase, \$25,700, as 1 clerk, at \$1,200, has been transferred to the statutory roll. Some changes have also been made in the wording of this item. Of this amount, it is proposed to expend \$3,000 in connection with the alfalfa weevil investigations. The outlook for the control of this species was never more encouraging, as additional parasites are being discovered in Europe and brought to this country, where their introduction is becoming, to a certain degree at least, successful. It is also desired to use about \$4,000 of the amount for investigations of the soja bean, cowpea, and other miscellaneous forage insects, and to investigate the various grasshopper outbreaks throughout the United States, for which there has been a strenuous demand, and which the bureau has been unable to meet, owing to a lack of funds. The major portion of the increase asked will be used in connection with investigations of the white grub, the fall army worm, cutworms, wireworms, and the Hessian fly, and rootworms, all of which are committing serious ravages throughout the country, and in order to check the ravages of these pests it will be necessary to establish additional field stations in various sections of the country. With the increase asked for it is believed that the bureau will be able to meet the constantly increasing demands from farmers for aid in protecting their crops.</small>		
For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, etc., and the Argentine ant, [\$50,000;] \$49,000 (same act).....	49,000.00	
<small>NOTE.—Apparent decrease, \$1,000, but as 1 clerk, at \$1,000, has been transferred to the statutory roll, there is no change in the amount of this item.</small>		
For investigations of insects affecting forests, forest entomology, [\$44,750;] \$54,790 (same act).....	54,790.00	
<small>NOTE.—Apparent increase, \$10,040; actual increase, \$10,400, as 1 messenger boy, at \$360, has been transferred to the statutory roll. The wording of this item has also been changed. This increase is desired in order to meet the growing demand for information from Federal and State forest officials and private owners for demonstration projects, and for assistance and advice by experts in the field on the essential details in the establishment and carrying out of insect-control policies in connection with those of forest management, protection, and utilization. It is also desired to conduct more detailed investigations of the insects affecting forest growth in the eastern United States, with special reference to the hickory, oak, ash, and other of the more important hardwood trees. Increased attention should also be given to wood preservatives and species of wood to determine the relative immunity of treated and untreated wood and different kinds of wood to attack by some of the more important species of insects.</small>		
For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, etc., and insects affecting stored products, [\$35,000;] \$41,500 (same act).....	41,500.00	
<small>NOTE.—Increase of \$6,500. This is desired, for increased investigations in connection with the potato tuber moth, sugar-beet leaf hoppers, onion maggot, seed-corn maggot, wireworms, the melon aphid in the West, and the pickle and melon worms in the South are essential to check the ravages of these pests. With the increase asked for, additional field investigations can be undertaken. A special feature of the work planned for the ensuing fiscal year is the introduction of more desirable combinations of insecticides, including new ones, and the development and introduction at each of the separate stations of new types of spraying machinery, each to be adapted to the special projects and local conditions.</small>		
For investigations in bee culture, [\$15,000;] \$21,500 (same act).....	21,500.00	
<small>NOTE.—Increase of \$6,500. A portion of this increase will be used for the purchase of delicate scales and other instruments, and the temporary employment of persons in connection with the study of the wintering of bees, and to collect additional data on the effects of foods, and, in addition to the work on the brood disease which need continued attention, a disease of adult bees, which is little understood, is to be investigated, and this will require additional travel and some extra equipment. It is also desired to undertake investigations in connection with the behavior of bees. This proposed project covers a wide study of the activities of bees for the purpose of understanding better the present manipulations of bees, and of devising new manipulations as the activities are better understood. While this project is not wholly new, observations having been made in the past on the manipulations of wax scales and the methods of gathering pollen, it is now desired to take the problem up seriously by the employment of a trained observer.</small>		
For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth, [\$21,500;] \$20,100 (same act).....	20,100.00	
<small>NOTE.—Apparent decrease, \$1,400, but as one clerk, at \$1,400, has been transferred to the statutory roll, there is no change in the amount of this item.</small>		
For investigations of the Mediterranean fruit fly, in the United States, its Territories and possessions, \$35,000;] \$33,200 (same act).....	33,200.00	
<small>NOTE.—Apparent decrease, \$1,800, but as 1 clerk, at \$1,800, has been transferred to the statutory roll, there is no change in the amount of this item. A slight change has also been made in the wording of this paragraph.</small>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
General Expenses, Bureau of Entomology—Continued.		
For investigations, <i>identification, and systematic classification</i> of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, <i>and the importation and exchange of useful insects, [and experiments with insecticides and insecticide machinery, \$45,000;]</i> \$54,280 (act Mar. 4, 1913, vol. 37, p. 846, sec. 1).....	\$54,280.00	
NOTE.—Apparent increase, \$9,280; actual increase, \$10,000, as 2 messenger boys, at \$360 each, have been transferred to the statutory roll. The wording of this item has been changed by the insertion of the words "identification, and systematic classification," after the words "For investigations." A portion of the increase is to provide for additional work on insects affecting the health of man and domestic animals. A portion of the increase is intended for use in the cooperative work against the housefly which has been begun, and to enable the bureau to meet the demand made upon it for careful studies of the malaria-bearing mosquitoes. Of the proposed increase, \$5,000 is submitted to cover a study of the losses which occur in regions in the West from the attack of horseflies on domestic animals. In certain areas these flies occur in enormous numbers at the time of harvest, which is the most critical time in the year for live stock on the farm, and the work of gathering the crops is frequently interfered with, or even prevented, for a considerable period. It is also planned to study several other insects injuring domestic animals.		
In all, for general expenses, [\$381,250.] \$447,970 (increase of \$66,720).....	\$447,970.00	\$381,250.00
Appropriations for 1905..... \$70,000	Estimates for 1906..... \$80,000	
Appropriations for 1906..... 68,060	Estimates for 1907..... 113,810	
Appropriations for 1907..... 75,000	Estimates for 1908..... 113,810	
Appropriations for 1908..... 113,800	Estimates for 1909..... 149,240	
Appropriations for 1909..... 158,800	Estimates for 1910..... 199,800	
Appropriations for 1910..... 198,400	Estimates for 1911..... 197,900	
Appropriations for 1911..... 202,900	Estimates for 1912..... 238,110	
Appropriations for 1912..... 256,950	Estimates for 1913..... 258,450	
Appropriations for 1913..... 328,750	Estimates for 1914..... 371,000	
Appropriations for 1914..... 381,250	Estimates for 1915..... 447,970	
NOTE.—Salaries of entomological assistants, experts, agents, field assistants, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, BUREAU OF ENTOMOLOGY.		
DECIDUOUS FRUIT INSECTS.		
In Washington:		
1 entomological assistant.....	\$3,500	
1 entomological assistant.....	1,600	
1 entomological assistant.....	1,200	
1 typewriter.....	900	
1 student assistant, at \$300 (2 months).....	50	
Total.....	7,250	
Out of Washington:		
1 entomological assistant.....	2,000	
2 entomological assistants, at \$1,800 each.....	3,600	
2 entomological assistants, at \$1,600 each.....	3,200	
1 entomological assistant.....	1,500	
4 entomological assistants, at \$1,400 each.....	5,600	
2 entomological assistants, at \$1,200 each.....	2,400	
1 expert.....	1,400	
1 field assistant, at \$65 per month (4 months).....	260	
1 agent.....	1,200	
Total.....	21,160	
CEREAL AND FORAGE INSECTS.		
In Washington:		
1 entomological assistant.....	3,500	
1 entomological assistant.....	1,800	
1 stenographer.....	1,200	
Total.....	6,500	
Out of Washington:		
1 entomological assistant.....	2,000	
6 entomological assistants, at \$1,800 each.....	10,800	
1 entomological assistant, at \$1,800 (2 months).....	300	
4 entomological assistants, at \$1,600 each.....	6,400	
1 entomological assistant, at \$1,600 (1½ months).....	200	
2 entomological assistants, at \$1,400 each.....	2,800	
1 entomological assistant.....	1,200	
1 expert, at \$1,800 (3 months).....	450	
1 expert.....	1,400	
1 agent and expert.....	1,800	
1 agent and expert.....	1,600	
1 agent.....	1,400	
1 scientific assistant.....	1,600	
3 scientific assistants, at \$1,400 each.....	4,200	
2 scientific assistants, at \$1,200 each.....	2,400	
2 scientific assistants, at \$1,000 each.....	2,000	
1 scientific assistant, at \$1,000 (2 months).....	167	
1 field assistant, at \$100 per month (5 months).....	500	
2 field assistants, at \$100 per month each (4 months).....	800	
2 field assistants, at \$1,000 each (5 months).....	833	
2 field assistants, at \$65 per month each (temporary).....	299	
1 field assistant, at \$60 per month (temporary).....	318	
3 field assistants, at \$50 per month each (temporary).....	283	
1 field assistant, at \$75 per month (3 months).....	225	
1 field assistant, at \$45 per month (2 months).....	90	
1 clerk (stenographer and typewriter), at \$1,000 (1 month).....	83	
1 collaborator, at \$10 per month.....	120	
1 collaborator, at \$1 per month.....	12	
Total.....	44,280	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
FOREST INSECTS.		
In Washington:		
1 entomological assistant.....	3,500	
1 entomological assistant, at \$2,000 (9 months).....	1,500	
1 entomological assistant, at \$1,800 (4 months).....	600	
1 expert.....	1,800	
1 agent and expert, at \$1,800 (9 months).....	1,350	
2 entomological assistants, at \$1,400 each (temporary).....	1,750	
1 field assistant, at \$1,200 (3½ months).....	350	
2 entomological preparators, at \$720 each.....	1,440	
3 entomological preparators, at \$600 each.....	1,800	
1 messenger boy.....	360	
Total.....	14,450	
Out of Washington:		
1 entomological assistant.....	2,000	
2 entomological assistants, at \$1,800 each.....	3,600	
1 entomological assistant.....	1,400	
1 entomological assistant.....	1,200	
1 agent and expert.....	1,800	
8 agents, at \$1,050 each.....	8,640	
1 agent.....	900	
1 field assistant, at \$100 per month (temporary).....	247	
1 student assistant, at \$25 per month (3 months).....	75	
Total.....	19,862	
TRUCK CROP AND STORED PRODUCT INSECTS.		
In Washington:		
1 entomologist.....	3,500	
1 entomological assistant.....	2,000	
1 expert.....	1,800	
1 entomological preparator.....	720	
2 entomological preparators, at \$600 each.....	1,200	
1 scientific assistant.....	600	
1 field assistant, at \$600 (temporary).....	130	
Total.....	9,950	
Out of Washington:		
1 entomological assistant.....	2,000	
1 entomological assistant, at \$1,500 (9½ months).....	1,425	
1 entomological assistant.....	1,600	
1 entomological assistant.....	1,500	
2 entomological assistants, at \$1,200 each.....	2,400	
1 entomological assistant.....	900	
1 scientific assistant.....	1,800	
1 scientific assistant.....	1,400	
2 field assistants, at \$60 per month each (temporary).....	242	
1 entomological preparator.....	720	
1 collaborator.....	120	
3 collaborators, at \$1 per month each.....	36	
Total.....	14,143	
BEE CULTURE.		
In Washington:		
1 apicultural assistant.....	3,500	
1 expert.....	2,250	
1 expert.....	1,800	
1 apicultural assistant.....	1,600	
1 apicultural assistant.....	1,400	
1 typewriter, at \$600 (2 months).....	100	
1 student assistant, at \$300 (temporary).....	49	
Total.....	10,699	
Out of Washington:		
1 apicultural assistant.....	1,800	
1 topographical draftsman, at \$100 per month (temporary).....	20	
2 collaborators, at \$1 per month each.....	24	
Total.....	1,844	
TROPICAL AND SUBTROPICAL FRUIT INSECTS.		
In Washington:		
1 clerk.....	1,400	
1 entomological assistant.....	1,400	
1 entomological preparator.....	720	
Total.....	3,520	
Out of Washington:		
1 special agent.....	2,250	
1 expert.....	2,000	
1 agent and expert.....	1,600	
1 entomological assistant.....	1,400	
1 unskilled laborer.....	840	
1 unskilled laborer.....	720	
Total.....	8,810	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
RANGE CATERPILLAR.			
Out of Washington:			
1 entomological assistant, at \$1,800 (10 months).....	\$1,500		
1 entomological assistant, at \$1,600 (10½ months).....	1,400		
1 entomological assistant.....	1,600		
3 field assistants, at \$1,200 each (temporary).....	1,143		
1 field assistant, at \$1,000 (3 months).....	250		
1 field assistant, at \$75 per month (temporary).....	185		
1 field assistant, at \$50 per month (temporary).....	110		
1 scientific assistant, at \$1,000 (temporary).....	73		
1 cook, at \$65 per month (3 months).....	195		
Total.....	6,456		
SOUTHERN FIELD CROP INSECTS.			
In Washington:			
1 entomological assistant.....	3,500		
1 agent and expert.....	2,250		
1 expert preparator.....	840		
1 entomological preparator.....	600		
Total.....	7,190		
Out of Washington:			
1 entomological assistant.....	2,000		
3 entomological assistants, at \$1,800 each.....	5,400		
1 entomological assistant.....	1,600		
2 entomological assistants, at \$1,400 each.....	2,800		
2 entomological assistants, at \$1,200 each.....	2,400		
1 entomological assistant, at \$1,200 (temporary).....	190		
1 entomological assistant.....	340		
1 scientific assistant.....	1,600		
1 scientific assistant.....	1,000		
2 agents and experts, at \$1,200 each.....	2,400		
1 expert.....	1,200		
4 field assistants, at \$85 per month (temporary).....	776		
1 field assistant, at \$60 per month (2½ months).....	150		
1 field assistant, at \$50 per month (2½ months).....	125		
1 stenographer and typewriter.....	1,000		
1 entomological preparator.....	770		
1 unskilled laborer.....	720		
1 unskilled laborer.....	300		
1 collaborator.....	12		
Total.....	24,733		
MISCELLANEOUS INSECTS.			
In Washington:			
1 entomological assistant.....	2,250		
2 assistants, at \$2,000 each.....	4,000		
2 assistants, at \$1,800 each.....	3,600		
1 expert.....	1,800		
1 entomological assistant.....	1,800		
2 assistants, at \$1,600 each.....	3,200		
1 entomological assistant.....	1,400		
1 scientific assistant.....	1,200		
1 stenographer and typewriter, at \$900 (3 months).....	225		
1 entomological preparator.....	720		
1 entomological preparator.....	600		
1 messenger boy.....	360		
1 student assistant.....	300		
Total.....	21,455		
Out of Washington:			
1 entomological assistant.....	2,000		
1 entomological assistant.....	1,400		
1 entomological assistant.....	1,200		
1 expert.....	1,800		
2 scientific assistants, at \$1,200 each.....	2,400		
1 agent, at \$1,200 (1 month).....	100		
1 collaborator, at \$25 per month (11 months).....	275		
2 field assistants, at \$100 per month each (temporary).....	517		
1 collaborator, at \$1 per annum.....	1		
Total.....	9,693		
MEDITERRANEAN FRUIT FLY.			
Out of Washington:			
1 expert.....	2,500		
1 scientific assistant.....	1,600		
1 clerk.....	1,800		
Total.....	5,900		
<i>Preventing Spread of Moths—</i>			
To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses. [§300,000] §297,540 (act Mar. 4, 1913, vol. 37, p. 846, sec. 1).....		\$297,540.00	\$300,000.00
Appropriations for 1907.....	\$82,500	Estimates for 1908.....	\$82,500
Appropriations for 1908.....	150,000	Estimates for 1909.....	150,000
Appropriations for 1909.....	250,000	Estimates for 1910.....	300,000
Appropriations for 1910.....	300,000	Estimates for 1911.....	300,000
Appropriations for 1911.....	300,000	Estimates for 1912.....	284,840
Appropriations for 1912.....	284,840	Estimates for 1913.....	284,840
Appropriations for 1913.....	284,840	Estimates for 1914.....	300,000
Appropriations for 1914.....	300,000	Estimates for 1915.....	297,540



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Preventing Spread of Moths—Continued.</i>			
NOTE 1.—Apparent decrease, \$2,460, but as one clerk of class 1, one clerk, at \$900, and one messenger boy, at \$360, aggregating \$2,460, have been transferred to the statutory roll, there is no change in the amount of this item.			
NOTE 2.—Salaries of entomological assistants, agents, field assistants, experts, etc., on the lump fund named below on Aug. 31, 1913:			
PREVENTING SPREAD OF MOTHS.			
Out of Washington:			
1 agent and expert.....	\$3,000		
1 agent.....	2,500		
1 entomological assistant.....	1,600		
3 entomological assistants, at \$1,400 each.....	4,200		
2 entomological assistants, at \$1,200 each.....	2,400		
1 expert.....	1,600		
1 expert.....	1,400		
1 assistant in forest management.....	1,400		
8 agents, at \$1,200 each.....	9,600		
3 agents, at \$1,080 each.....	3,240		
1 clerk, stenographer and typewriter.....	1,200		
1 scientific assistant.....	1,080		
1 scientific assistant, at \$900 (9 months).....	675		
1 special agent.....	1,080		
1 stenographer and typewriter.....	900		
1 stenographer and typewriter, at \$900 (temporary).....	752		
1 field assistant, at \$1,080 (3½ months).....	315		
1 field assistant, at \$900 (3½ months).....	263		
5 field assistants, at \$840 each (temporary).....	583		
1 entomological preparator.....	720		
1 messenger boy.....	360		
1 collaborator, at \$1 per month.....	12		
Total.....	38,910		
NOTE 3.—The following statement is submitted in conformity with the requirements of section 6 of the sundry civil act approved Aug. 24, 1912 (37 Stat. L., 487):			
Estimates, "Preventing Spread of Moths, 1915," \$297,540.	Appropriation, "Preventing Spread of Moths, 1913," \$234,840.		
Salaries..... \$248,506.00	Salaries..... \$215,588.66		
As follows:	As follows:		
1 agent and expert, at \$3,000.	2 agents and experts, at \$2,500 each.		
1 special field agent, at \$2,750.	1 agent, at \$2,500.		
1 agent, at \$2,500.	7 agents, at \$1,200 each.		
7 agents, at \$1,200 each.	4 agents, at \$1,080 each.		
4 agents, at \$1,080 each.	1 assistant, at \$2,000.		
1 entomological assistant, at \$1,800.	1 assistant, at \$1,400.		
1 entomological assistant, at \$1,600.	2 experts, at \$1,800 each.		
3 entomological assistants, at \$1,400 each.	2 experts, at \$1,600 each.		
2 entomological assistants, at \$1,200 each.	1 expert, at \$1,500.		
1 entomological assistant, at \$900.	1 expert, at \$1,400.		
1 assistant in forest management, at \$1,600.	1 entomological assistant, at \$1,600.		
2 assistants in forest management, at \$1,200 each.	5 entomological assistants, at \$1,400 each.		
1 expert, at \$1,600.	3 entomological assistants, at \$1,200 each.		
1 expert, at \$1,400.	1 assistant in forest management, at \$1,400.		
1 scientific assistant, at \$1,200.	1 clerk (stenographer and typewriter), at \$1,200.		
2 scientific assistants, at \$1,080 each.	1 field assistant, at \$1,080.		
1 field assistant, at \$1,080.	1 field assistant, at \$900.		
1 field assistant, at \$840.	5 field assistants, at \$840 each.		
1 special agent, at \$1,080.	1 special agent, at \$1,080.		
1 bacteriological preparator, at \$720.	1 scientific assistant, at \$1,080.		
1 collaborator, at \$1 per month.	1 bacteriological preparator, at \$720.		
20 foremen, at \$3.20 per diem each.	1 messenger boy, at \$360.		
50 foremen, at \$2.88 per diem each.	1 collaborator, at \$15 per month.		
7 foremen, at \$2.64 per diem each.	4 collaborators, at \$1 per month each.		
200 scouts, at \$2.56 per diem each.	80 foremen, at \$2.88 per diem each (when actually employed).		
35 laborers, at \$2 per diem each.	30 foremen, at \$2.64 per diem each (when actually employed).		
	17 scout inspectors, at \$2.88 per diem each (when actually employed).		
	444 scouts, at \$2.56 per diem each (when actually employed).		
	139 laborers, at \$2.24 per diem each (when actually employed).		
	473 laborers, at \$2 per diem each (when actually employed).		
	1 mechanic, at \$2.80 per diem (when actually employed).		
Traveling expenses..... 33,745.00	Traveling expenses..... 28,712.42		
Supplies and equipment..... 10,763.00	Supplies and equipment..... 8,552.59		
Miscellaneous expenses..... 4,526.00	Miscellaneous expenses..... 4,578.77		
Total estimate, 1915..... 297,540.00	Total expenditures, 1913..... 257,432.44		
Total appropriation, 1914..... 300,000.00			
Decrease..... 2,460.00			
Total for Bureau of Entomology, including statutory salaries (increase of \$71,450).....		\$813,660.00	\$742,210.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
BUREAU OF BIOLOGICAL SURVEY.		
Salaries, Bureau of Biological Survey—		
One biologist, who shall be chief of bureau (<i>R. S.</i> , p. 87, secs. 522-523; act Mar. 4, 1913, vol. 37, pp. 846, 847, sec. 1).....	\$3,500.00	
One chief clerk and executive assistant (change of title) (<i>same acts</i>).....	1,800.00	
One assistant in game preservation (<i>same acts</i>).....	2,250.00	
One financial clerk (by transfer of 1 clerk of class 3 from the Division of Accounts, with change of title) (<i>same acts</i>)	1,600.00	
Two clerks, class 3 (<i>same acts</i>).....	3,200.00	
Three clerks, class 2 (<i>same acts</i>).....	4,200.00	
Four clerks, class 1 (<i>same acts</i>).....	4,800.00	
Three clerks, at \$1,000 each (<i>same acts</i>).....	3,000.00	
Two clerks, at \$900 each (<i>same acts</i>).....	1,800.00	
One messenger (<i>same acts</i>).....	720.00	
One photographer (<i>same acts</i>).....	1,300.00	
One game warden (<i>same acts</i>).....	1,200.00	
One draftsman (<i>same acts</i>).....	900.00	
One messenger, messenger boy, or laborer (<i>same acts</i>).....	480.00	
One laborer (<i>same acts</i>).....	600.00	
One charwoman (<i>same acts</i>).....	240.00	
	\$31,590.00	\$29,990.00
Appropriations for 1905..... \$17,850	Estimates for 1906..... \$19,950	
Appropriations for 1906..... 7,580	Estimates for 1907..... 9,280	
Appropriations for 1907..... 7,580	Estimates for 1908..... 9,780	
Appropriations for 1908..... 7,580	Estimates for 1909..... 9,780	
Appropriations for 1909..... 7,580	Estimates for 1910..... 13,000	
Appropriations for 1910..... 13,000	Estimates for 1911..... 15,400	
Appropriations for 1911..... 15,400	Estimates for 1912..... 25,100	
Appropriations for 1912..... 24,000	Estimates for 1913..... 25,100	
Appropriations for 1913..... 25,100	Estimates for 1914..... 30,040	
Appropriations for 1914..... 29,900	Estimates for 1915..... 31,590	
NOTE.—Apparent increase, \$1,600, as follows:		
TRANSFER FROM DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 3, with change of title to financial clerk, as above.....	\$1,600	
Apparent increase.....	1,600	
General Expenses, Bureau of Biological Survey—		
For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:		
For the enforcement of sections 241, 242, 243, and 244 of the act approved Mar. 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the act approved May 25, 1900, entitled "An act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," \$16,000 (<i>acts May 25, 1900, vol. 31, p. 187, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1</i>).....		
	\$16,000.00	

100

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
For the maintenance of the Montana National Bison Range and other reservations under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the act approved Mar. 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," \$21,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations (<i>acts May 25, 1900, vol. 31, p. 187, secs., 1 5; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1</i>)	\$21,000.00	
[For the establishment and maintenance of a winter elk refuge in the State of Wyoming, \$5,000, to be available until expended, and the Secretary of Agriculture is hereby authorized to include in said refuge and to inclose not more than 1,000 acres of unoccupied public lands, which, when selected, shall be made to conform to the lines of the public surveys, and shall be adjacent to or partly inclosed by said refuge.]		
NOTE.—The above paragraph has been omitted as all necessary action will be taken during the present fiscal year and it is therefore unnecessary to continue this item.		
For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying noxious animals, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, \$60,000, of which sum \$15,000 shall be used for the destruction of ground squirrels on the national forests (<i>same acts</i>)	60,000.00	
For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life and crop zones, [\$15,000;] \$21,500 (<i>same acts</i>)	21,500.00	
NOTE.—This is an increase of \$6,500, which will be used for field investigations of migration of birds, especially the waterfowl, to furnish data for the effective administration of the migratory bird act; for investigating the bird and mammal life of the national forests and other parts of the public domain; to continue the study of the distribution of birds and mammals in the States where work is already in progress, and to prepare distribution maps showing migration routes of North American birds.		
For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, [\$14,000;] \$15,000 (<i>same acts</i>)	15,000.00	
NOTE.—This is an increase of \$1,000, as the increased scope of the work of the bureau necessitates additional supplies as well as other miscellaneous expenses, and a larger clerical force and more assistants in the office.		
[All wild geese, wild swans, brant, wild ducks, snipe, plover, woodcock, rail, wild pigeons, and all other migratory game and insectivorous birds, which in their northern and southern migrations pass through or do not remain permanently the entire year within the borders of any State or Territory, shall hereafter be deemed to be within the custody and protection of the Government of the United States, and shall not be destroyed or taken contrary to regulations hereinafter provided therefor.]		
[The Department of Agriculture is hereby authorized and directed to adopt suitable regulations to give effect to the previous paragraph by prescribing and fixing closed seasons, having due regard to the zones of temperature, breeding habits, and times and line of migratory flight, thereby enabling the department to select and designate suitable districts for different portions of the country, and it shall be unlawful to shoot or by any device kill or seize and capture migratory birds within the protection of this law during said closed seasons, and any person who shall violate any of the provisions or regulations of this law for the protection of migratory birds shall be guilty of a misdemeanor and shall be fined not more than \$100 or imprisoned not more than 90 days, or both, in the discretion of the court.]		
[The Department of Agriculture, after the preparation of said regulations, shall cause the same to be made public, and shall allow a period of 3 months in which said regulations may be examined and considered before final adoption, permitting, when deemed proper, public hearings thereon, and after final adoption shall cause the same to be engrossed and submitted to the President of the United States for approval: <i>Provided, however,</i> That nothing herein contained shall be deemed to affect or interfere with the local laws of the States and Territories for the protection of nonmigratory game or other birds resident and breeding within their borders, nor to prevent the States and Territories from enacting laws and regulations to promote and render efficient the regulations of the Department of Agriculture provided under this statute.]		

1. The first part of the book is devoted to a general introduction to the subject, and to a description of the various methods which have been employed for the purpose of determining the nature and extent of the various elements which enter into the composition of the various bodies which are found in nature.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
[There is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, for the purpose of carrying out these provisions, the sum of \$10,000.] For all necessary expenses for enforcing the provisions of the act approved March 4, 1913 (37 Stat. at L., pp. 847, 848), relating to the protection of migratory game and insectivorous birds, \$100,000 (acts May 25, 1900, vol. 31, p. 187, secs. 1-5; Mar. 4, 1913, vol. 37, pp. 847, 848, sec. 1). \$100,000.00		
NOTE.—The original law is omitted, as it is now permanent legislation, and a new item as above is submitted to provide funds for the enforcement of the law during the fiscal year 1915. This is an increase of \$90,000 over the amount appropriated for the current fiscal year and is based on an allotment of about \$2,000 for each State for migratory bird protection to cover both salaries and traveling expenses. Five or six of the States are now expending about \$100,000 each for warden service. While the increase asked for by this department is small in comparison with the amounts expended by the various States, it is believed that this department can conduct the work with this amount, as it will not require the services of all of its employees throughout the year, and can perform the work much more economically and efficiently by transferring men from one State to another, and by reason of the cooperation of the State authorities.		
In all, for general expenses, [\$141,000.] \$233,500 (increase of \$92,500)	\$233,500.00	\$141,000.00
Appropriations for 1905..... \$34,000	Estimates for 1906..... \$39,000	
Appropriations for 1906..... 44,420	Estimates for 1907..... 51,920	
Appropriations for 1907..... 44,420	Estimates for 1908..... 55,920	
Appropriations for 1908..... 44,420	Estimates for 1909..... 69,170	
Appropriations for 1909..... 54,420	Estimates for 1910..... 90,170	
Appropriations for 1910..... 74,420	Estimates for 1911..... 71,520	
Deficiency act..... 7,700		
Appropriations for 1911..... 71,520	Estimates for 1912..... 101,000	
Appropriations for 1912..... 115,700	Estimates for 1913..... 108,300	
Appropriations for 1913..... 166,300	Estimates for 1914..... 113,000	
Appropriations for 1914..... 111,000	Estimates for 1915..... 233,500	
NOTE.—Salaries of assistant biologists, field assistants, student assistants, agents, game wardens, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY.		
GAME PRESERVATION.		
In Washington:		
1 assistant chief.....	\$3,250	
1 administrative assistant in game preservation.....	2,500	
1 assistant biologist.....	1,800	
1 assistant biologist (temporary).....	250	
Total.....	7,800	
Out of Washington:		
1 agent.....	1,500	
1 assistant warden.....	900	
1 inspector of foreign birds and mammals.....	600	
1 inspector of foreign birds and mammals.....	300	
5 inspectors of foreign birds and mammals, at \$100 each.....	500	
Total.....	3,800	
MAINTENANCE OF MAMMAL AND BIRD RESERVATIONS.		
Out of Washington:		
2 agents, at \$1,500 each.....	3,000	
1 reservation warden.....	1,500	
1 inspector.....	600	
1 assistant warden.....	480	
12 wardens, at \$300 each (7 temporary).....	2,400	
2 assistant wardens, at \$300 each.....	600	
3 wardens, at \$180 each.....	540	
3 assistant wardens, at \$180 each (temporary).....	225	
1 warden.....	120	
1 warden.....	12	
Total.....	9,477	
FOOD HABITS OF BIRDS AND MAMMALS.		
In Washington:		
1 assistant in charge of economic investigations.....	3,000	
1 assistant in charge of economic ornithology.....	2,400	
2 assistant biologists, at \$2,000 each.....	4,000	
1 assistant biologist.....	1,600	
3 assistant biologists, at \$1,400 each.....	4,200	
1 assistant.....	900	
1 student assistant, at \$25 per month (3 months).....	75	
Total.....	16,175	
Out of Washington:		
1 scientific assistant, at \$2,000 (9 months).....	1,500	
2 agents, at \$1,260 each.....	2,520	
1 agent.....	1,000	
10 field assistants, at \$80 per month (3 months).....	4,000	
1 field assistant, at \$75 per month (3 months).....	225	
1 field assistant, at \$65 per month (3 months).....	195	
Total.....	9,440	
EXTERMINATING GROUND SQUIRRELS ON NATIONAL FORESTS.		
In Washington:		
1 assistant biologist.....	2,000	
Out of Washington:		
1 scientific assistant, at \$2,000 (3 months).....	500	
1 agent, at \$1,260 (3 months).....	315	
27 field assistants, at \$75 per month (3 months).....	6,075	
Total.....	6,890	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
BIOLOGICAL INVESTIGATIONS.		
In Washington: 1 assistant in charge of biological investigations..... \$3,000 1 field naturalist..... 2,000 1 assistant biologist..... 2,000 1 assistant ornithologist..... 1,500 Total..... 8,500 Out of Washington: 1 field assistant, at \$100 per month (2 months)..... 200 1 field assistant, at \$75 per month (2 months)..... 150 Total..... 350		
ADMINISTRATIVE EXPENSES.		
In Washington: 1 chief field naturalist..... 3,000 1 assistant biologist..... 2,200 1 assistant biologist..... 1,400 1 preparator..... 1,200 1 consulting biologist..... 1,000 1 student assistant..... 300 3 student assistants, at \$25 per month (3 months)..... 225 1 charwoman, at \$20 per month (2 months)..... 40 Total..... 9,365		
Total for Bureau of Biological Survey, including statutory salaries (increase of \$94,100).....	\$265,090.00	\$170,990.00
DIVISION OF ACCOUNTS AND DISBURSEMENTS.		
<i>Salaries, Division of Accounts and Disbursements—</i>		
One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the department (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, p. 848, sec. 1</i>)..	\$4,000.00	
NOTE.—One assistant chief of division, \$2,750, transferred to the Weather Bureau. NOTE.—One chief office of accounts and fiscal agent, \$2,500, and 7 district fiscal agents, at \$2,000 each, \$14,000; in all, \$16,500, transferred to the Forest Service.		
One supervising auditor (<i>same acts</i>).....	2,250.00	
One auditor (<i>same acts</i>).....	2,000.00	
One cashier and chief clerk (<i>same acts</i>).....	2,250.00	
One deputy disbursing clerk (<i>same acts</i>).....	2,000.00	
One accountant and bookkeeper (decrease of 1 by transfer to the Secretary's office) (<i>same acts</i>)..	2,000.00	
Two clerks class 4 (decrease of 1 by transfer to the Secretary's office and increase of 1 in lieu of 2 clerks, at \$900 each, omitted as below, making no change in this grade) (<i>same acts</i>)....	3,600.00	
Seven clerks class 3 (decrease of 5 by transfer to the Bureau of Chemistry, Bureau of Animal Industry, Bureau of Plant Industry, Bureau of Biological Survey, and Office of Public Roads) (<i>same acts</i>).....	11,200.00	
Eleven clerks class 2 (decrease of 6, 5 by transfer to the Secretary's office, Bureau of Animal Industry, Bureau of Entomology, Bureau of Statistics, and Office of Markets, and 1 dropped) (<i>same acts</i>).....	15,400.00	
Six clerks class 1 (decrease of 3, 2 by transfer to the Bureau of Animal Industry and Office of Experiment Stations, and 1 dropped) (<i>same acts</i>).....	7,200.00	
Four clerks, at \$1,000 each (<i>same acts</i>).....	4,000.00	
Three clerks, at \$900 each (decrease of 2 as above) (<i>same acts</i>).....	2,700.00	
NOTE.—One custodian of records and files, \$1,400, transferred to the Secretary's office.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Division of Accounts and Disbursements—Continued.</i>		
One messenger (<i>R. S.</i> , p. 87, secs. 522, 523; <i>act Mar. 4, vol. 37, p. 848, sec. 1</i>).....	\$720.00	
One messenger or messenger boy (<i>same acts</i>).....	600.00	\$59,920.00
Appropriations for 1905..... \$24,350		
Appropriations for 1906..... 32,210		
Appropriations for 1907..... 32,210		
Appropriations for 1908..... 41,790		
Appropriations for 1909..... 46,690		
Appropriations for 1910..... 61,490		
Appropriations for 1911..... 79,990		
Appropriations for 1912..... 97,520		
Appropriations for 1913..... 104,620		
Appropriations for 1914..... 104,370		
Estimates for 1906..... \$24,850		
Estimates for 1907..... 32,410		
Estimates for 1908..... 41,790		
Estimates for 1909..... 46,490		
Estimates for 1910..... 56,090		
Estimates for 1911..... 61,490		
Estimates for 1912..... 98,470		
Estimates for 1913..... 104,620		
Estimates for 1914..... 104,170		
Estimates for 1915..... 59,920		
NOTE.—There is a decrease in the above appropriation of \$44,450. As required by the act of Aug. 23, 1912 (37 Stat., p. 375), the administrative audit of accounts, formerly done in this division, will be made in the various bureaus and offices of the department. The places omitted are as follows:		
PLACES TRANSFERRED TO OTHER BUREAUS AND OFFICES.		
SECRETARY'S OFFICE.		
1 accountant and bookkeeper.....	\$2,000.00	
1 clerk, class 4.....	1,800.00	
1 clerk, class 2.....	1,400.00	
1 custodian of records and files.....	1,400.00	
WEATHER BUREAU.		
1 assistant chief of division.....	2,750.00	
BUREAU OF ANIMAL INDUSTRY.		
1 clerk, class 3.....	1,600.00	
1 clerk, class 2.....	1,400.00	
1 clerk, class 1.....	1,200.00	
BUREAU OF PLANT INDUSTRY.		
1 clerk, class 3.....	1,600.00	
FOREST SERVICE.		
1 chief, office of accounts and fiscal agent.....	2,500.00	
7 district fiscal agents, at \$2,000 each.....	14,000.00	
BUREAU OF CHEMISTRY.		
1 clerk, class 3.....	1,600.00	
BUREAU OF ENTOMOLOGY.		
1 clerk, class 2.....	1,400.00	
BUREAU OF BIOLOGICAL SURVEY.		
1 clerk, class 3.....	1,600.00	
BUREAU OF STATISTICS.		
1 clerk, class 2.....	1,400.00	
OFFICE OF EXPERIMENT STATIONS.		
1 clerk, class 1.....	1,200.00	
OFFICE OF PUBLIC ROADS.		
1 clerk, class 3.....	1,600.00	
OFFICE OF MARKETS.		
1 clerk, class 2.....	1,400.00	
PLACES DROPPED.		
1 clerk, class 2.....	1,400.00	
1 clerk, class 1.....	1,200.00	
	44,450.00	
CHANGE OF TITLE.		
2 clerks, at \$900 each, to 1 clerk, class 4.		
Total for Division of Accounts and Disbursements (decrease of \$44,450).....	59,920.00	104,370.00
DIVISION OF PUBLICATIONS.		
<i>Salaries, Division of Publications—</i>		
One editor, who shall be chief of division (<i>R. S.</i> , p. 87, secs. 522, 523; <i>act Mar. 4, 1913, vol. 37, pp. 848, 849, sec. 1</i>).....	\$3,250.00	
One editor, who shall be assistant chief of division (<i>same acts</i>).....	2,500.00	
One chief clerk (<i>same acts</i>).....	2,000.00	
Two assistant editors, at \$2,000 each (<i>same acts</i>).....	4,000.00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Division of Publications—Continued.</i>		
Four assistant editors, at \$1,800 each (<i>R. S.</i> , p. 87, <i>secs.</i> 522, 523; <i>act Mar. 4, 1913, vol. 37, pp. 848, 849, sec. 1</i>).....	\$7, 200. 00	
One assistant editor (<i>same acts</i>).....	1, 600. 00	
One assistant editor (<i>same acts</i>)	1, 400. 00	
One assistant editor in charge of indexing (<i>same acts</i>).....	2, 000. 00	
One indexer (<i>same acts</i>).....	1, 400. 00	
One assistant in charge of illustrations (<i>same acts</i>).....	2, 100. 00	
One draftsman or photographer (<i>same acts</i>).....	1, 600. 00	
Two draftsmen or photographers, at \$1,500 each (increase of 1 submitted) (<i>same acts</i>).....	3, 000. 00	
NOTE.—This additional employee is required in order to keep the work up to date, which it is impossible to do with the present force.		
One draftsman or photographer (<i>same acts</i>).....	1, 400. 00	
One draftsman or photographer (<i>same acts</i>).....	1, 300. 00	
Six draftsmen or photographers, at \$1,200 each (<i>same acts</i>).....	7, 200. 00	
One assistant photographer (<i>same acts</i>).....	900. 00	
One assistant in charge of document section (<i>same acts</i>).....	2, 000. 00	
One assistant in document section (<i>same acts</i>).....	1, 800. 00	
One foreman, miscellaneous distribution (<i>same acts</i>)	1, 500. 00	
One forewoman (<i>same acts</i>).....	1, 400. 00	
One clerk, class 3 (<i>same acts</i>).....	1, 600. 00	
Three clerks, class 2 (submitted).....	4, 200. 00	
NOTE.—These additional clerks are needed to expedite the work and keep it up to date.		
Eight clerks, class 1 (<i>R. S.</i> , p. 87, <i>secs.</i> 522, 523; <i>act Mar. 4, 1913, vol. 37, pp. 848, 849, sec. 1</i>)...	9, 600. 00	
Fourteen clerks, at \$1,000 each (<i>same acts</i>).....	14, 000. 00	
Forty clerks, at \$900 each (<i>same acts</i>).....	36, 000. 00	
Eighteen clerks, at \$840 each (decrease of 3 submitted) (<i>same acts</i>).....	15, 120. 00	
Two skilled laborers, at \$900 each (increase of 1 submitted) (<i>same acts</i>).....	1, 800. 00	
NOTE.—This additional laborer is required in connection with the receipt, classification, and storage of electros.		
Nine skilled laborers, at \$840 each (<i>same acts</i>).....	7, 560. 00	
Four skilled laborers, at \$780 each (<i>same acts</i>).....	3, 120. 00	



Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Division of Publications—Continued.</i>		
Sixteen skilled laborers, at \$720 each (<i>R. S.</i> , p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, pp. 848, 849, sec. 1).....	\$11,520.00	
One chief folder (<i>same acts</i>).....	1,000.00	
Two folders, at \$900 each (<i>same acts</i>).....	1,800.00	
One skilled laborer (<i>same acts</i>).....	1,100.00	
One skilled laborer (<i>same acts</i>).....	1,000.00	
Two messengers, at \$840 each (<i>same acts</i>).....	1,680.00	
Two messengers, at \$720 each (<i>same acts</i>).....	1,440.00	
Three messengers or messenger boys, at \$600 each (<i>same acts</i>).....	1,800.00	
Two messengers or messenger boys, at \$480 each (<i>same acts</i>).....	960.00	
Two messengers or messenger boys, at \$420 each (<i>same acts</i>).....	840.00	
Two messengers or messenger boys, at \$360 each (<i>same acts</i>).....	720.00	
One laborer (<i>same acts</i>).....	840.00	
Two laborers, at \$600 each (increase of one submitted) (<i>same acts</i>).....	1,200.00	
NOTE.—This additional laborer is needed for cleaning building, handling heavy supplies, trucking, and other heavy work.		
Four charwomen, at \$480 each (<i>same acts</i>).....	1,920.00	
Three charwomen, at \$240 each (<i>same acts</i>).....	720.00	
		\$171,090.00
		\$166,410.00
Appropriations for 1905..... \$30,640	Estimates for 1906.....	\$32,890
Appropriations for 1906..... 114,370	Estimates for 1907.....	120,370
Appropriations for 1907..... 116,270	Estimates for 1908.....	128,650
Appropriations for 1908..... 126,550	Estimates for 1909.....	141,830
Appropriations for 1909..... 139,710	Estimates for 1910.....	141,980
Appropriations for 1910..... 173,450	Estimates for 1911.....	172,730
Appropriations for 1911..... 172,730	Estimates for 1912.....	177,510
Appropriations for 1912..... 179,960	Estimates for 1913.....	181,110
Appropriations for 1913..... 194,700	Estimates for 1914.....	165,810
Appropriations for 1914..... 166,410	Estimates for 1915.....	171,090
NOTE.—There is a net increase in the above appropriation of \$4,680, as follows:		
NEW PLACES.		
1 draftsman or photographer.....	\$1,500.00	
3 clerks, class 2.....	4,200.00	
1 skilled laborer.....	900.00	
1 laborer.....	600.00	
	\$7,200.00	
PLACES DROPPED.		
3 clerks, at \$840 each.....	2,520.00	
Net increase.....	4,680.00	
<i>General expenses, Division of Publications—</i>		
For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:		
For labor-saving machinery, including necessary supplies, [\$1,500;] \$2,000 (act Mar. 4, 1913, vol. 37, p. 849, sec. 1).....	2,000.00	
NOTE.—An increase of \$500. This increase is needed on account of the great increase in the amount of mimeographing and flexotyping, not only for this division but for other bureaus and offices of the Department of Agriculture. It is required for the purchase of parts of machines, ink, stencil paper, stencil cabinets, ribbons, varnish, etc., in connection with the work.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses. Division of Publications—Continued.</i>		
For envelopes, stationery, and materials, \$6,000 (<i>act Mar. 4, 1913, vol. 37, p. 849, sec. 1</i>).....	\$6,000.00	
For office furniture and fixtures, \$1,000 (<i>same act</i>).....	1,000.00	
For photographic equipment and for photographic materials and artists' tools and supplies, \$6,000 (<i>same act</i>).....	6,000.00	
For telephone and telegraph service and freight and express charges, \$250 (<i>same act</i>).....	250.00	
For wagons, bicycles, horses, harness, and maintenance of the same, \$500 (<i>same act</i>).....	500.00	
For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$3,000 (<i>same act</i>).....	3,000.00	
In all, for general expenses, [\$18,250:] \$18,750 (increase of \$500).....	\$18,750.00	\$18,250.00
Appropriations for 1905..... \$210,000	Estimates for 1906..... \$215,000	
Appropriations for 1906..... 132,250	Estimates for 1907..... 133,750	
Appropriations for 1907..... 132,250	Estimates for 1908..... ¹ 40,000	
Appropriations for 1908..... ¹ 35,000	Estimates for 1909..... 40,000	
Appropriations for 1909..... 40,000	Estimates for 1910..... 70,000	
Appropriations for 1910..... 33,000	Estimates for 1911..... 30,000	
Appropriations for 1911..... 30,000	Estimates for 1912..... 30,000	
Appropriations for 1912..... 30,000	Estimates for 1913..... 25,000	
Appropriations for 1913..... 25,000	Estimates for 1914..... 18,250	
Appropriations for 1914..... 18,250	Estimates for 1915..... 18,750	
¹ Beginning with 1908, Farmers' Bulletins provided for under printing and binding in the sundry civil bill.		
Total for Division of Publications, including statutory salaries (increase \$5,180).....	189,840.00	184,660.00
BUREAU OF [STATISTICS] AGRICULTURAL FORECASTS.		
<i>Salaries, Bureau of [Statistics] Agricultural Forecasts—</i>		
One statistician, who shall be chief of bureau (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, p. 849, sec. 1</i>).....	4,000.00	
NOTE.—One assistant statistician, who shall be assistant chief of bureau, \$2,500, is transferred to the lump fund of the bureau.		
One chief clerk (<i>same acts</i>).....	1,800.00	
Six clerks, class 4 (<i>same acts</i>).....	10,800.00	
Nine clerks, class 3 (<i>same acts</i>).....	14,400.00	
Thirteen clerks, class 2 (increase of 1 by transfer from the Division of Accounts) (<i>same acts</i>)..	18,200.00	
One clerk (decrease of 1 by change to clerk, class 1, as below) (<i>same acts</i>).....	1,300.00	
Eighteen clerks, class 1 (increase of 1 in lieu of 1 clerk at \$1,300 omitted, as above, with decrease of \$100) (<i>same acts</i>).....	21,600.00	
Seventeen clerks, at \$1,000 each (<i>same acts</i>).....	17,000.00	
Twenty-one clerks, at \$900 each (<i>same acts</i>).....	18,900.00	
Two messengers, at \$840 each (<i>same acts</i>).....	1,680.00	
Two messengers or laborers, at \$720 each (<i>same acts</i>).....	1,440.00	
Two messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>).....	1,320.00	
NOTE.—The changes in the three grades following of messengers and charwomen are recommended to make the positions interchangeable and to secure more efficient service.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
Salaries, Bureau of [Statistics] Agricultural Forecasts—Continued.		
One messenger, messenger boy, or laborer (change of title from 1 messenger or messenger boy, \$480, to 1 messenger, messenger boy, or laborer, at same salary) (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, p. 849, sec. 1</i>).....	\$480.00	
One charwoman, messenger, or laborer (change of title from 1 charwoman, \$540, to 1 charwoman, messenger, or laborer, \$540) (<i>same acts</i>).....	540.00	
Two charwomen, messenger boys, or laborers (change of title from 2 charwomen, at \$360 each, to 2 charwomen, messenger boys, or laborers, at \$360 each) (<i>same acts</i>).....	720.00	
	\$114, 180.00	\$115, 380.00
Appropriations for 1905..... \$57,760	Estimates for 1906..... \$57,760	
Appropriations for 1906..... 97,660	Estimates for 1907..... 97,660	
Appropriations for 1907..... 97,660	Estimates for 1908..... 97,340	
Appropriations for 1908..... 97,040	Estimates for 1909..... 96,440	
Appropriations for 1909..... 96,640	Estimates for 1910..... 104,580	
Appropriations for 1910..... 103,860	Estimates for 1911..... 104,700	
Appropriations for 1911..... 104,700	Estimates for 1912..... 109,670	
Appropriations for 1912..... 108,720	Estimates for 1913..... 111,720	
Appropriations for 1913..... 112,380	Estimates for 1914..... 115,880	
Appropriations for 1914..... 115,380	Estimates for 1915..... 114,180	
NOTE.—Apparent decrease in above appropriation, \$1,200; actual decrease, \$2,600, as follows:		
PLACES DECREASED.		
1 clerk, at \$1,300, to 1 clerk, class 1.....	\$100.00	
TRANSFERRED TO LUMP FUND.		
1 assistant statistician.....	2,500.00	
Actual decrease.....	2,600.00	
TRANSFERRED FROM DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 2.....	1,400.00	
Apparent decrease.....	1,200.00	
General Expenses, Bureau of [Statistics] Agricultural Forecasts—		
[For all necessary expenses for collecting domestic and foreign agricultural statistics, compiling, writing, and illustrating statistical matter for monthly, annual, and special reports, and for special investigations and compilations, as follows:]		
<i>For all necessary expenses for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to agricultural industries; for making and publishing periodically crop and live-stock forecasts and estimates, including acreage, yield, and value of farm products, as follows:</i>		
NOTE.—The designation of this appropriation has been changed from "General Expenses, Bureau of Statistics," to "General Expenses, Bureau of Agricultural Forecasts," and the language of the opening paragraph has been modified to more clearly express the objects of the work to be performed by this bureau.		
Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, [\$24,700;] \$31,200 (<i>act Mar. 4, 1913, vol. 37, p. 849, sec. 1</i>).....	31,200.00	
NOTE.—This is an apparent increase of \$6,500, but \$2,500 of this amount covers the transfer of one assistant statistician, who will be assistant chief of bureau, to this fund, making the actual increase \$4,000, which amount is required for additional supplies, telegraph, and other expenses.		
[Salaries and traveling and other necessary expenses of special field agents, \$68,900;]		
[Salaries and traveling and other necessary expenses of State statistical agents, \$32,200;]		
[Traveling and other necessary expenses of official and special investigators, \$2,500;]		
Salaries, travel, and other necessary expenses of employees out of the city of Washington engaged in field investigations, \$155,300 (<i>same act</i>).....	155,300.00	
NOTE.—An increase of \$51,700. The three subappropriations above have also been combined in order to simplify bookkeeping, handling of accounts, and to bring together the expenses of the field force in one item. This is for the purpose of enlarging the scope and thoroughness of investigations concerning acreage, conditions, values, productions, and allied subjects relating to the agricultural industries, and to extend the collection of information relating to special crops by experts.		
In all, for general expenses, [\$128,300;] \$186,500 (increase of \$58,200).....	186,500.00	128,300.00
Appropriations for 1905..... \$139,500	Estimates for 1906..... \$139,500	
Appropriations for 1906..... 98,800	Estimates for 1907..... 118,800	
Appropriations for 1907..... 112,900	Estimates for 1908..... 127,900	
Appropriations for 1908..... 122,900	Estimates for 1909..... 142,900	
Appropriations for 1909..... 125,000	Estimates for 1910..... 136,200	
Appropriations for 1910..... 117,060	Estimates for 1911..... 115,620	
Appropriations for 1911..... 115,620	Estimates for 1912..... 124,900	
Appropriations for 1912..... 122,900	Estimates for 1913..... 128,300	
Appropriations for 1913..... 128,300	Estimates for 1914..... 128,300	
Appropriations for 1914..... 128,300	Estimates for 1915..... 186,500	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Bureau of [Statistics] Agricultural Forecasts—Continued.</i>		
NOTE 1.—Salaries of statistical scientists, special field agents, and State statistical agents carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, BUREAU OF STATISTICS.		
ADMINISTRATIVE EXPENSES.		
In Washington: 1 statistical scientist..... \$3,500 1 statistical scientist..... 3,000 2 statistical scientists, at \$2,500 each..... 5,000 1 statistical scientist..... 2,000 Total..... 13,500		
SPECIAL FIELD AGENTS.		
Out of Washington: 1 special field agent..... 2,250 4 special field agents, at \$2,000 each..... 8,000 7 special field agents, at \$1,800 each..... 12,600 4 special field agents, at \$1,600 each..... 6,400 6 special field agents, at \$1,400 each..... 8,400 1 special field agent..... 1,200 Total..... 38,850		
STATE STATISTICAL AGENTS.		
Out of Washington: 1 State statistical agent..... 1,100 3 State statistical agents, at \$900 each..... 2,700 8 State statistical agents, at \$800 each..... 6,400 1 State statistical agent..... 720 3 State statistical agents, at \$700 each..... 2,100 1 State statistical agent..... 600 2 State statistical agents, at \$650 each..... 1,300 8 State statistical agents, at \$600 each..... 4,800 1 State statistical agent..... 550 6 State statistical agents, at \$500 each..... 3,000 2 State statistical agents, at \$360 each..... 720 1 State statistical agent..... 350 10 State statistical agents, at \$300 each..... 3,000 Total..... 27,400		
Total for Bureau of [Statistics] Agricultural Forecasts, including statutory salaries (increase of \$57,000).....	\$300,680.00	\$243,680.00
LIBRARY, DEPARTMENT OF AGRICULTURE.		
<i>Salaries, Library, Department of Agriculture—</i>		
One librarian (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, p. 50, sec. 1</i>).....	\$2,000.00	
One assistant librarian (in lieu of 1 clerk, class 3, as below) (<i>same acts</i>).....	1,600.00	
NOTE.—One clerk, class 3, changed to one assistant librarian, at same salary, as above.		
One clerk, class 2 (<i>same acts</i>).....	1,400.00	
Four clerks, class 1 (in lieu of 2 clerks, class 1, one of whom shall be a translator, and 2 cataloguers, at \$1,200 each, as below) (<i>same acts</i>).....	4,800.00	
NOTE.—Two clerks, class 1, one of whom shall be a translator, changed to 2 clerks, class 1, as above.		
Three clerks, at \$1,080 each (in lieu of 3 cataloguers, at \$1,000 each, as below) (<i>same acts</i>).....	3,240.00	
Six clerks, at \$1,000 each (<i>same acts</i>).....	6,000.00	
Five clerks, at \$900 each (<i>same acts</i>).....	4,500.00	
One clerk (<i>same acts</i>).....	840.00	
NOTE.—Two cataloguers, at \$1,200 each, changed to 2 clerks, class 1, and three cataloguers, at \$1,000 each, changed to 3 clerks, at \$1,080, as above.		
One junior library assistant, or messenger (in lieu of 1 messenger, as below) (<i>same acts</i>).....	720.00	
NOTE.—One messenger, \$720, changed to 1 junior library assistant, or messenger, \$720, as above.		
Three junior library assistants, or messenger boys, at \$600 each (in lieu of 2 messengers or messenger boys, at \$600 each, and 1 messenger or messenger boy, \$600, transferred from lump fund, with change of title) (<i>same acts</i>).....	1,800.00	
NOTE.—Two messengers or messenger boys, at \$600 each, changed to 2 junior library assistants or messenger boys, at \$600 each, as above.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Library, Department of Agriculture—Continued.</i>			
One messenger, messenger boy, or laborer (<i>R. S., p. 87, secs. 522, 523; act Mar. 4, 1913, vol. 37, p. 50, sec. 1</i>)	\$480.00		
One charwoman (<i>same acts</i>)	480.00	\$27,860.00	\$27,020.00
Appropriations for 1905.....	\$10,200		
Appropriations for 1906.....	13,000		
Appropriations for 1907.....	15,880		
Appropriations for 1908.....	15,880		
Appropriations for 1909.....	18,080		
Appropriations for 1910.....	19,320		
Appropriations for 1911.....	19,920		
Appropriations for 1912.....	25,000		
Appropriations for 1913.....	25,780		
Appropriations for 1914.....	27,020		
Estimates for 1906.....	\$10,200		
Estimates for 1907.....	15,880		
Estimates for 1908.....	17,730		
Estimates for 1909.....	18,080		
Estimates for 1910.....	20,160		
Estimates for 1911.....	19,920		
Estimates for 1912.....	23,000		
Estimates for 1913.....	27,650		
Estimates for 1914.....	29,520		
Estimates for 1915.....	27,860		
NOTE.—Apparent increase, \$840; actual increase, \$240; as follows:			
PROMOTIONS.			
3 clerks, at \$1,080 each, in lieu of 3 cataloguers, at \$1,000 each.....	\$240.00		
Actual increase.....		\$240.00	
TRANSFER FROM LUMP FUND, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.			
1 junior library assistant or messenger, by change from messenger or messenger boy.....	600.00		
Apparent increase.....		\$40.00	
CHANGE OF TITLE.			
1 clerk, class 3, to assistant librarian, \$1,600.			
2 clerks, class 1, one of whom shall be a translator, to 2 clerks, class 1.			
2 cataloguers, at \$1,200 each, to 2 clerks, class 1.			
1 messenger, \$720, to 1 junior library assistant or messenger, \$720.			
2 messengers or messenger boys, at \$600 each, to 2 junior library assistants or messengers, at \$600 each.			
<i>General Expenses, Library—</i>			
For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and other material, [\$16,500] \$17,500 (<i>act Mar. 4, 1913, vol. 37, p. 850, sec. 1</i>)		17,500.00	16,500.00
Appropriations for 1905.....	\$10,000		
Appropriations for 1906.....	8,040		
Appropriations for 1907.....	10,000		
Appropriations for 1908.....	12,500		
Appropriations for 1909.....	15,500		
Appropriations for 1910.....	16,500		
Appropriations for 1911.....	15,400		
Appropriations for 1912.....	15,500		
Appropriations for 1913.....	15,500		
Appropriations for 1914.....	16,500		
Estimates for 1906.....	\$11,000		
Estimates for 1907.....	10,000		
Estimates for 1908.....	12,500		
Estimates for 1909.....	17,500		
Estimates for 1910.....	16,500		
Estimates for 1911.....	15,400		
Estimates for 1912.....	15,500		
Estimates for 1913.....	15,500		
Estimates for 1914.....	16,500		
Estimates for 1915.....	17,500		
NOTE 1.—Apparent increase, \$1,000; but as one messenger or messenger boy at \$600 has been transferred to the statutory roll, the actual increase is \$1,600. This increase is to enable the library to keep pace with the work of the department, and more adequately meet the increasing demands made upon it year by year.			
NOTE 2.—Salary of employee carried on lump fund named below on Aug. 31, 1913:			
GENERAL EXPENSES, LIBRARY.			
In Washington:			
1 messenger or messenger boy.....	\$600.00		
Total for Library, including statutory salaries (increase of \$1,840).....		45,360.00	43,520.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
【CONTINGENT】 MISCELLANEOUS EXPENSES.		
【Contingent】 Miscellaneous Expenses, Department of Agriculture—		
For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, 【\$106,066: Provided, That of this amount not exceeding \$1,000 may be used for the purchase of an oil painting of Honorable James Wilson, former Secretary of the Department of Agriculture, which portrait shall not be accepted until it shall have been approved by the Commission of Fine Arts.】 \$110,000, of which sum \$10,000 shall be immediately available (act Mar. 4, 1913, vol. 37, p. 850, sec. 1).....	\$110,000.00	\$106,066.00
Appropriations for 1905..... \$37,000	Estimates for 1906.....	\$37,000
Appropriations for 1906..... 37,000	Estimates for 1907.....	37,000
Appropriations for 1907..... 37,000	Estimates for 1908.....	47,000
Appropriations for 1908..... 47,000	Estimates for 1909.....	78,200
Appropriations for 1909..... 86,200	Estimates for 1910.....	70,000
Appropriations for 1910..... 80,000	Estimates for 1911.....	100,000
Appropriations for 1911..... 100,000	Estimates for 1912.....	110,000
Appropriations for 1912..... 110,000	Estimates for 1913.....	96,066
Appropriations for 1913..... 106,066	Estimates for 1914.....	106,066
Appropriations for 1914..... 106,066	Estimates for 1915.....	110,000
NOTE.—There is an increase in the above item of \$3,934 to meet the increased demands for lumber and materials for work to be done by the mechanical shop, and for ice and fuel for general departmental use. The designation of the appropriation has been changed, and the proviso in regard to oil painting for the former Secretary of Agriculture is omitted.		
RENT IN THE DISTRICT OF COLUMBIA.		
Rent of Buildings, Department of Agriculture—		
For rent of buildings and parts of buildings in the District of Columbia for use of the various bureaus, divisions, and offices of the Department of Agriculture, namely:		
For Bureau of Animal Industry, \$2,220.....		\$2,220.00
For Bureau of Plant Industry, \$26,420.....		26,420.00
For Forest Service, \$25,075.....		25,075.00
For Bureau of Chemistry, \$17,320.....		17,320.00
For Bureau of Soils, \$306.....		306.00
For Bureau of Entomology, \$7,500.....		7,500.00
For Division of Publications, \$5,000.....		5,000.00
For Office of Solicitor, \$2,160.....		2,160.00
For Office of Experiment Stations, \$5,000.....		5,000.00
For Office of Public Roads, \$3,500.....		3,500.00
For additional rent in cases of emergency for any bureau, division, or office of the department, 【\$11,328;】 \$21,328.....		21,328.00
<i>And hereafter the Secretary of Agriculture is authorized to lease the necessary buildings or parts of buildings for the accommodation of the Department of Agriculture in the District of Columbia for a term not exceeding 10 years, when it is clearly to the advantage of the Government to make a lease for a term of years.</i>		
In all 【\$98,329】 , \$115,829; (increase of \$17,500) (act Mar. 4, 1913, vol. 37, p. 850, sec. 1).....	\$115,829.00	98,329.00
Appropriations for 1913..... \$95,329	Estimates for 1913.....	\$95,329
Appropriations for 1914..... 98,329	Estimates for 1914.....	95,329
	Estimates for 1915.....	115,829
NOTE 1.—There is an increase in the above appropriation of \$17,500, of which \$7,500 is desired to rent suitable quarters for the Bureau of Entomology, and \$10,000 is desired for additional rent in cases of emergency. A provision has also been inserted permitting the Secretary of Agriculture to lease for a term not exceeding 10 years, when it is clearly to the advantage of the Government.		
NOTE 2.—For statement of buildings and parts of buildings in the District of Columbia rented by the Department of Agriculture, see Appendix B, in the Book of Estimates.		



Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
OFFICE OF EXPERIMENT STATIONS.		
Salaries, Office of Experiment Stations—		
One director (<i>R. S.</i> , p. 87, secs. 522, 523; act of Mar. 4, 1913, vol. 37, pp. 850-852, sec. 1).....	\$4,500.00	
One chief clerk (<i>same acts</i>).....	2,000.00	
One financial clerk (change of title from computer) (<i>same acts</i>).....	2,000.00	
One draftsman (<i>same acts</i>).....	1,920.00	
One clerk or proof reader (change of title from clerk and proof reader) (<i>same acts</i>).....	1,800.00	
One clerk or editorial clerk (change of title from editorial clerk) (<i>same acts</i>).....	1,600.00	
One clerk or editorial clerk (change of title from editorial clerk) (<i>same acts</i>).....	1,400.00	
One clerk or editorial clerk (change of title from editorial clerk) (<i>same acts</i>).....	1,200.00	
One clerk or draftsman (change of title from draftsman) (<i>same acts</i>).....	1,200.00	
One clerk or draftsman (<i>same acts</i>).....	900.00	
One clerk, class 4 (<i>same acts</i>).....	1,800.00	
Three clerks, class 3 (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	4,800.00	
One clerk (<i>same acts</i>).....	1,500.00	
Four clerks, class 2 (<i>same acts</i>).....	5,600.00	
Eight clerks, class 1 (increase of 1 by transfer from Division of Accounts) (<i>same acts</i>).....	9,600.00	
Eight clerks, at \$1,000 each (<i>same acts</i>).....	8,000.00	
Twelve clerks, at \$900 each (<i>same acts</i>).....	10,800.00	
NOTE.—One messenger at \$840 omitted.		
Three messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>).....	1,800.00	
Five messengers, messenger boys, or laborers, at \$480 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	2,400.00	
One skilled laborer (<i>same acts</i>).....	900.00	
Four laborers or charwomen, at \$480 each (decrease of one as below) (<i>same acts</i>).....	1,920.00	
Five laborers or charwomen, at \$240 each (increase of 3, 1 in lieu of 1 at \$480, with decrease of \$240, and 2 from lump fund) (<i>same acts</i>).....	1,200.00	
Appropriations for 1906.....	\$29,040	Estimates for 1907.....
Appropriations for 1907.....	29,160	Estimates for 1908.....
Appropriations for 1908.....	31,220	Estimates for 1909.....
Appropriations for 1909.....	34,620	Estimates for 1910.....
Appropriations for 1910.....	39,240	Estimates for 1911.....
Appropriations for 1911.....	46,180	Estimates for 1912.....
Appropriations for 1912.....	56,500	Estimates for 1913.....
Appropriations for 1913.....	58,240	Estimates for 1914.....
Appropriations for 1914.....	66,160	Estimates for 1915.....
		\$29,160
		31,220
		34,620
		39,480
		46,180
		56,500
		59,840
		66,740
		68,840
	\$68,840.00	\$66,160.00

¹ All salaries paid from "Agricultural Experiment Stations" prior to 1906.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Office of Experiment Stations—Continued.</i>		
OFFICE OF EXPERIMENT STATIONS—continued.		
NOTE.—Apparent increase, \$2,680; actual decrease, \$1,080, as follows:		
PLACE DECREASED.		
1 laborer or charwoman at \$240, in lieu of 1 laborer or charwoman at \$480.....	\$240.00	
PLACE DROPPED.		
1 messenger.....	840.00	
Actual decrease.....	1,080.00	
TRANSFERS FROM LUMP FUNDS WHICH APPROPRIATIONS HAVE BEEN REDUCED ACCORDINGLY.		
1 clerk, class 3 (Irrigation).....	\$1,600.00	
1 messenger boy (Experiment Stations).....	480.00	
2 laborers or charwomen, at \$240 (Experiment Stations and Nutrition).....	480.00	
TRANSFER FROM DIVISION OF ACCOUNTS WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.		
1 clerk, class 1.....	1,200.00	
	3,760.00	
Apparent increase.....	2,680.00	
CHANGE OF TITLE.		
1 clerk and proofreader, \$1,800, changed to 1 clerk or proofreader, \$1,800.		
1 computer, \$2,000, changed to 1 financial clerk, \$2,000.		
1 editorial clerk, \$1,600, changed to 1 clerk or editorial clerk, \$1,600.		
1 editorial clerk, \$1,400, changed to 1 clerk or editorial clerk, \$1,400.		
1 editorial clerk, \$1,200, changed to 1 clerk or editorial clerk, \$1,200.		
1 draftsman, \$1,200, changed to 1 clerk or draftsman, \$1,200.		
<i>General Expenses, Office of Experiment Stations—</i>		
To carry into effect the provisions of an act approved March 2, 1887, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an act approved July 2, 1862, and of the acts supplementary thereto," the sums apportioned to the several States and Territories to be paid quarterly in advance, \$720,000;		
To carry into effect the provisions of an act approved March 16, 1906, entitled "An act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories to be paid quarterly in advance, \$720,000: <i>Provided</i> , That not to exceed \$15,000 shall be paid to each State and Territory under this act;		
To enable the Secretary of Agriculture to enforce the provisions of the above acts, relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, [\$40,500;] \$42,255; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above acts, ascertain whether the expenditures are in accordance with their provisions, and make report thereon to Congress;		
NOTE.—Apparent increase, \$1,755; but as one messenger boy, at \$480, and one laborer or charwoman, at \$240, have been transferred to the statutory roll, the actual increase is but \$1,035. Through constantly increasing State appropriations, the scope and amount of the operations of the stations is steadily growing, and this necessarily adds to the general business of the central office in its supervisory and advisory relations. The literature of agricultural science the world over is constantly increasing in variety and extent with the establishment of new agencies and the enlargement of old ones. In the United States the rapid broadening of the movement for bringing the results of scientific inquiry directly home to the farmer has created an urgent demand for more definite information from extension workers, county advisers, and others close to the farmers, as well as from investigators, teachers, and students. To satisfy these demands the abstracts in the Experiment Station Record should be increased in number, should not be too brief, should be kept well up to date, and should include many valuable articles from difficultly accessible sources and languages. To do this work satisfactorily, additional experts competent to prepare critical technical reviews of the literature in special fields are required. Such men command higher compensation than formerly and increase in value as reviewers and advisers with length of service.		
To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$110,000, as follows: Alaska, \$35,000 [of which sum \$5,000 shall be immediately available]; Hawaii, \$30,000; Porto Rico, \$30,000; and Guam, \$15,000 [including not to exceed \$2,000 for the purchase of land]; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, and this fund shall be available until used;		
To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$23,000;		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Office of Experiment Stations—Continued.</i>		
In all, for general expenses \$1,613,500 , \$1,615,255 (increase of \$1,755) (acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; June 7, 1888, vol. 25, p. 176, sec. 1; July 18, 1888, vol. 25, p. 534, sec. 1; Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; Mar. 4, 1913, vol. 37, p. 851, sec. 1)	\$1,615,255.00	\$1,613,500.00
Appropriations for 1905..... \$810,000		
Appropriations for 1906..... ¹ 794,660		
Appropriations for 1907..... 803,500		
Appropriations for 1908..... 827,000		
Appropriations for 1909..... 843,000		
Appropriations for 1910..... 863,800		
Appropriations for 1911..... 862,400		
Appropriations for 1912..... ² 1,592,500		
Appropriations for 1913..... 1,599,160		
Appropriations for 1914..... 1,613,500		
Estimates for 1906..... \$821,000		
Estimates for 1907..... 813,120		
Estimates for 1908..... 842,000		
Estimates for 1909..... 846,995		
Estimates for 1910..... 863,800		
Estimates for 1911..... 862,400		
Estimates for 1912..... ² 1,622,509		
Estimates for 1913..... 1,604,160		
Estimates for 1914..... 1,615,500		
Estimates for 1915..... 1,615,255		
¹ Beginning with 1906, salaries provided for separately on a statutory roll.		
² Includes \$720,000 previously carried in the Adams Act for additional aid to State experiment stations.		
NOTE.—Salaries of assistant director, scientific assistants, agents, experts, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, OFFICE OF EXPERIMENT STATIONS.		
AGRICULTURAL EXPERIMENT STATIONS.		
In Washington:		
1 assistant director and editor of experiment station record.....	\$4,000	
1 chief of editorial division and expert in soil physics.....	3,000	
1 chief of division of insular stations and expert in botany.....	3,000	
1 assistant agriculturist.....	2,400	
1 specialist in economic zoology.....	2,220	
1 specialist in biological chemistry.....	2,000	
2 scientific assistants, at \$2,000 each.....	4,000	
1 specialist in agronomy.....	1,800	
1 specialist in animal husbandry.....	1,620	
1 specialist in rural engineering.....	1,620	
1 specialist in botany.....	1,620	
1 scientific assistant.....	1,620	
1 scientific assistant.....	1,500	
1 scientific assistant.....	1,200	
1 scientific assistant, at \$1,000 (3 months).....	250	
1 messenger boy.....	480	
1 charwoman.....	240	
Total.....	32,570	
Out of Washington:		
1 collaborator.....	300	
FARMERS' INSTITUTES.		
In Washington:		
1 chief specialist in agricultural education.....	2,400	
1 farmers' institute specialist.....	2,250	
1 assistant farmers' institute specialist.....	2,000	
3 assistants in agricultural education, at \$1,800 each.....	5,400	
1 bookkeeper.....	1,200	
Total.....	13,250	
Out of Washington:		
1 specialist in agricultural education, at \$7.50 per diem (when actually employed).....	450	
ALASKA EXPERIMENT STATION.		
Out of Washington:		
1 special agent.....	3,500	
2 agents, at \$2,400 each.....	4,800	
1 expert.....	2,400	
1 agent.....	1,200	
Total.....	11,900	
HAWAII EXPERIMENT STATION.		
Out of Washington:		
1 superintendent.....	3,500	
1 assistant in agronomy.....	2,100	
1 chemist.....	2,100	
1 scientific assistant.....	2,100	
1 assistant chemist.....	1,620	
1 assistant horticulturist.....	1,500	
1 clerk.....	1,320	
1 scientific assistant.....	1,260	
1 assistant in horticulture.....	1,080	
Total.....	16,580	
PORTO RICO EXPERIMENT STATION.		
Out of Washington:		
1 superintendent.....	3,500	
1 chemist.....	2,400	
1 horticulturist.....	2,100	
1 plant pathologist.....	1,800	
1 assistant animal husbandman.....	1,620	
1 assistant chemist.....	1,620	
1 assistant horticulturist.....	1,620	
1 clerk.....	1,440	
1 plant propagator.....	1,200	
Total.....	17,300	
GUAM EXPERIMENT STATION.		
Out of Washington:		
1 special agent.....	\$2,700	
1 agent.....	1,620	
Total.....	4,320	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
Nutrition Investigations—			
<p> [To enable the Secretary of Agriculture to investigate the nutritive value of agricultural products used for human food, with special suggestions of plans and methods for the more effective utilization of such products for this purpose, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$16,000.] To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$25,760 (act Mar. 4, 1913, vol. 37, pp. 851, 852, sec. 1)..... </p>		\$25,760.00	\$16,000.00
Appropriations for 1905.....	\$20,000	Estimates for 1906.....	\$20,000
Appropriations for 1906.....	20,000	Estimates for 1907.....	25,000
Appropriations for 1907.....	20,000	Estimates for 1908.....	25,000
Appropriations for 1908.....	5,000	Estimates for 1909.....	25,000
Appropriations for 1909.....	7,000	Estimates for 1910.....	10,000
Appropriations for 1910.....	10,000	Estimates for 1911.....	10,000
Appropriations for 1911.....	10,000	Estimates for 1912.....	15,000
Appropriations for 1912.....	15,000	Estimates for 1913.....	20,000
Appropriations for 1913.....	16,000	Estimates for 1914.....	19,000
Appropriations for 1914.....	16,000	Estimates for 1915.....	25,760
<p>NOTE 1.—The phraseology of the paragraph has been changed to more clearly express the work to be done. Apparent increase, \$9,760; but as one laborer or charwoman, at \$240, has been transferred to the statutory roll the actual increase is \$10,000. The investigations on food and nutrition are laborious and time consuming. It is impossible to make very rapid progress with the amount of funds available for the work. The demand for information such as is supplied by these investigations is so large and growing so continuously that it is no longer possible to meet it with the means at present available. It is indeed even impossible to satisfy the requests for cooperation made by the different bureaus of the department, to say nothing of those coming from the outside. Three more workers in the laboratory are necessary, and a woman expert in household methods of utilization of food is also greatly needed. Additional assistance is also needed in the preparation of publications reporting the results of these investigations and making them available to the public. The study of the nutrition of man is but one of the factors pertaining to the improvement in the conditions of living. The others involved are those pertaining to clothing and household equipment. By general usage these topics are grouped and discussed together, and experience has shown that they may be studied most profitably together and in large measure by methods and apparatus already in use for the study of one of them, namely, nutrition. Systematized knowledge regarding the utilization of agricultural products for clothing and household equipment, and conclusions drawn from experimental study as well as from practical experience do not exist, though there is a general and insistent demand for it from housekeepers, teachers in colleges and schools, and those interested in all general movements for betterment of home life. Systematic investigations of this character are very much needed to provide information on which to base practical work for home betterment.</p>			
NOTE 2.—Salaries of chief of nutrition investigations, scientific assistants, collaborators, etc., carried on lump fund named below on Aug. 31, 1913:			
NUTRITION INVESTIGATIONS.			
In Washington:			
1 chief.....		\$2,700	
1 assistant.....		2,400	
1 scientific assistant.....		1,800	
2 scientific assistants, at \$1,620 each.....		3,240	
1 scientific assistant.....		1,440	
1 expert, at \$150 per month (6 months).....		900	
4 collaborators, at \$25 each per month (6 months).....		600	
1 charwoman.....		240	
Total.....		13,320	
Irrigation Investigations—			
<p> To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation water at home and abroad, with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, [\$108,000] \$106,400 (act Mar. 4, 1913, vol. 37, p. 852, sec. 1)..... </p>		106,400.00	108,000.00
Appropriations for 1905.....	¹ \$33,750	Estimates for 1906.....	² \$41,250
Appropriations for 1906.....	¹ 37,100	Estimates for 1907.....	² 41,250
Appropriations for 1907.....	¹ 61,100	Estimates for 1908.....	² 75,000
Appropriations for 1908.....	¹ 75,000	Estimates for 1909.....	² 75,000
Appropriations for 1909.....	¹ 75,000	Estimates for 1910.....	² 78,440
Appropriations for 1910.....	¹ 75,000	Estimates for 1911.....	² 70,350
Appropriations for 1911.....	¹ 70,350	Estimates for 1912.....	² 80,000
Appropriations for 1912.....	¹ 100,000	Estimates for 1913.....	² 98,300
Appropriations for 1913.....	¹ 98,300	Estimates for 1914.....	² 116,250
Appropriations for 1914.....	¹ 108,000	Estimates for 1915.....	² 106,400
<p>¹ One-half of amount appropriated jointly for "Irrigation" and "Drainage." ² One-half of amount estimated for jointly for "Irrigation" and "Drainage."</p>			
NOTE 1.—Apparent decrease, \$1,600, but as one clerk, class 3, has been transferred to the statutory roll, there is no change in this appropriation.			
NOTE 2.—Salaries of chief of irrigation, engineers, assistants, agents, etc., carried on the lump fund named below on August 31, 1913:			
IRRIGATION INVESTIGATIONS.			
In Washington:			
1 chief.....		\$3,750	
1 irrigation economist.....		2,700	
1 scientific assistant.....		2,000	
1 clerk.....		1,600	
2 stenographers and typewriters, at \$75 per month (temporary).....		375	
Total.....		10,425	

100

100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Irrigation Investigations—Continued.</i>			
IRRIGATION INVESTIGATIONS—continued.			
Out of Washington:			
1 irrigation manager.....	\$2,640		
1 irrigation manager.....	2,500		
2 irrigation engineers, at \$2,400 each.....	4,800		
4 irrigation engineers, at \$2,220 each.....	8,880		
1 irrigation manager.....	2,220		
2 irrigation engineers, at \$2,100 each.....	4,200		
3 irrigation engineers, at \$2,000 each.....	10,000		
3 irrigation engineers, at \$1,800 each.....	5,400		
1 mechanic.....	1,680		
1 irrigation engineer.....	1,600		
1 executive assistant.....	1,600		
1 agent.....	1,560		
2 agents, at \$1,500 each (temporary).....	2,625		
1 clerk.....	1,400		
3 assistant irrigation engineers, at \$1,320 each.....	3,960		
1 scientific assistant.....	1,200		
1 irrigation farmer.....	1,200		
1 agent, at \$110 per month (6 months).....	660		
2 irrigation assistants, at \$100 per month each (temporary).....	1,200		
2 agents, at \$100 per month each (6 months).....	1,200		
1 agent, at \$90 per month (4 months).....	360		
1 irrigation assistant, at \$75 per month (3 months).....	225		
1 agent, at \$75 per month (2 months).....	150		
2 collaborators, at \$25 per month each.....	600		
1 collaborator, at \$15 per month.....	180		
4 collaborators, at \$10 per month each.....	480		
1 collaborator, at \$5 per month.....	60		
2 irrigation assistants, at \$7.50 per diem each (when actually employed).....	637		
2 irrigation engineers, at \$6 per diem each (when actually employed).....	480		
2 agents, at \$6 per diem each (when actually employed).....	642		
1 agent, at \$4 per diem (when actually employed).....	300		
Total.....	64,639		
<i>Drainage Investigations—</i>			
To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands which may be made available for agricultural purposes, and to prepare plans for the removal of surplus waters by drainage from such lands, and for the preparation and illustration of reports and bulletins on drainage, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, 【\$97,600】 \$96,280 (act Mar. 4, 1913, vol. 37, p. 852, sec. 1).....		\$96,280.00	\$97,600.00
Appropriations for 1905.....	¹ \$33,750	Estimates for 1906.....	² \$41,250
Appropriations for 1906.....	¹ 37,100	Estimates for 1907.....	² 41,260
Appropriations for 1907.....	¹ 61,100	Estimates for 1908.....	² 75,000
Appropriations for 1908.....	¹ 75,000	Estimates for 1909.....	² 75,000
Appropriations for 1909.....	¹ 75,000	Estimates for 1910.....	² 78,440
Appropriations for 1910.....	81,160	Estimates for 1911.....	78,860
Appropriations for 1911.....	78,860	Estimates for 1912.....	80,000
Appropriations for 1912.....	100,000	Estimates for 1913.....	96,700
Appropriations for 1913.....	100,000	Estimates for 1914.....	97,600
Appropriations for 1914.....	97,600	Estimates for 1915.....	96,280
¹ One-half of amount appropriated jointly for "Irrigation" and "Drainage."			
² One-half of amount estimated for jointly for "Irrigation" and "Drainage."			
NOTE 1.—A decrease of \$1,320, as 1 skilled laborer, at \$720, and 1 elevator conductor, at \$600, have been transferred to the statutory roll of the Secretary's office.			
NOTE 2.—Salaries of drainage engineers, clerks, etc., carried on the lump fund named below on Aug. 31, 1913:			
DRAINAGE INVESTIGATIONS.			
In Washington:			
1 chief.....	\$3,500		
1 office engineer.....	2,500		
1 office engineer.....	2,000		
1 office engineer.....	1,980		
1 drainage engineer.....	2,000		
1 skilled laborer.....	720		
1 elevator conductor.....	600		
1 stenographer and typewriter, at \$75 per month (3 months).....	225		
Total.....	13,525		
Out of Washington:			
1 supervising drainage engineer.....	2,400		
1 drainage engineer.....	2,400		
2 drainage engineers, at \$2,000 each.....	4,000		
6 drainage engineers, at \$1,980 each.....	11,880		
4 drainage engineers, at \$1,800 each.....	7,200		
4 drainage engineers, at \$1,620 each.....	6,480		
1 drainage engineer.....	1,440		
1 assistant drainage engineer.....	1,440		
1 drainage engineer.....	1,200		
1 drainage engineer, at \$11 per diem (20 days).....	220		
1 collaborator, at \$15 per month (9 months).....	135		
10 collaborators, at \$10 per month each.....	1,200		
Total.....	39,995		
Total for Office of Experiment Stations, including statutory salaries (increase of \$11,275).....		1,912,535.00	1,901,260.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
OFFICE OF PUBLIC ROADS.		
<i>Salaries, Office of Public Roads—</i>		
One director, who shall be a scientist and have charge of all scientific and technical work (increase of \$1,000 submitted) (<i>acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Mar. 4, 1913, vol. 37, p. 850, sec. 1</i>).....	\$5, 000. 00	
One chief clerk (<i>same acts</i>).....	1, 900. 00	
One clerk, class 4 (<i>same acts</i>).....	1, 800. 00	
Three clerks, class 3 (increase of one by transfer from Division of Accounts) (<i>same acts</i>).....	4, 800. 00	
One clerk (<i>same acts</i>).....	1, 500. 00	
One clerk (<i>same acts</i>).....	1, 440. 00	
One clerk or instrument maker (<i>same acts</i>).....	1, 440. 00	
One clerk or tabulator (submitted)	1, 440. 00	
One clerk (<i>acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Mar. 4, 1913, vol. 37, p. 850, sec. 1</i>).....	1, 380. 00	
Two clerks, at \$1,320 each (<i>same acts</i>).....	2, 640. 00	
Four clerks, at \$1,260 each (<i>same acts</i>).....	5, 040. 00	
Three clerks, class 1 (<i>same acts</i>).....	3, 600. 00	
One clerk or photographer (<i>same acts</i>).....	1, 200. 00	
One clerk or photographer (<i>same acts</i>).....	1, 000. 00	
Two clerks, at \$1,140 each (<i>same acts</i>).....	2, 280. 00	
Two clerks, at \$1,080 each (increase of 1 by transfer from lump fund) (<i>same acts</i>).....	2, 160. 00	
One clerk (<i>same acts</i>).....	1, 020. 00	
Four clerks, at \$1,000 each (<i>same acts</i>).....	4, 000. 00	
One clerk (<i>same acts</i>).....	900. 00	
One clerk or instrument maker (<i>same acts</i>).....	1, 200. 00	
One messenger or laboratory helper (<i>same acts</i>).....	840. 00	
Two messengers, laborers or laboratory helpers, at \$720 each (<i>same acts</i>).....	1, 440. 00	
One messenger or laborer (<i>same acts</i>).....	660. 00	
Four messengers, laborers or messenger boys, at \$600 each (<i>same acts</i>).....	2, 400. 00	
One laborer or messenger boy (by transfer from lump fund) (<i>same acts</i>).....	480. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Salaries, Office of Public Roads—Continued.</i>			
Two messenger boys, at \$480 each (<i>acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Mar. 4, 1913, vol. 37, p. 850, sec. 1</i>)	\$960. 00		
Two charwomen, at \$240 each (<i>same acts</i>)	480. 00	\$53, 000. 00	\$47, 400. 00
Appropriations for 1903..... ¹ \$12, 340	Estimates for 1907..... \$12, 340		
Appropriations for 1907..... 12, 340	Estimates for 1908..... 14, 540		
Appropriations for 1908..... 12, 390	Estimates for 1909..... 15, 240		
Appropriations for 1909..... 12, 390	Estimates for 1910..... 16, 210		
Appropriations for 1910..... 16, 460	Estimates for 1911..... 21, 260		
Appropriations for 1911..... 21, 260	Estimates for 1912..... 34, 060		
Appropriations for 1912..... 34, 020	Estimates for 1913..... 37, 940		
Appropriations for 1913..... 37, 020	Estimates for 1914..... 54, 400		
Appropriations for 1914..... 47, 400	Estimates for 1915..... 53, 000		
¹ All salaries paid from lump-fund appropriation for "Public road inquiries" prior to 1906.			
NOTE.—Apparent increase, \$5,600; actual increase, \$2,440, as follows:			
PROMOTION.			
1 director, from \$4,000 to \$5,000	\$1, 000. 00		
NEW PLACE.			
1 clerk or tabulator	1, 440. 00		
Actual increase.....	2, 440. 00		
TRANSFER FROM DIVISION OF ACCOUNTS, WHICH APPROPRIATION HAS BEEN REDUCED ACCORDINGLY.			
1 clerk, class 3.....	1, 600. 00		
TRANSFERS FROM LUMP FUNDS OF THIS OFFICE WHICH HAVE BEEN REDUCED ACCORDINGLY.			
1 clerk (from administrative expenses).....	\$1, 080. 00		
1 laborer or messenger boy (from road material)	480. 00		
	1, 560. 00		
Apparent increase.....	5, 600. 00		
<i>General Expenses, Office of Public Roads—</i>			
For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: <i>Provided, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:</i>			
For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, [\$40,000] \$48,800 (<i>act Mar. 4, 1913, vol. 37, pp. 852, 853, sec. 1</i>)		48, 800. 00	
NOTE.—There is an increase in the above appropriation of \$8,800. This increase is needed in order that additional statistical experts, collaborators, and lecturers may be secured for the purpose of making traffic and economic studies, delivering lectures, presenting exhibits of road models, and demonstrating the best methods of road making, and for carrying on maintenance, administration, and management investigations. At the present time this office has several sets of models which illustrate the best-known methods of road construction and maintenance, and the standard types of highway bridges. These models have been used with splendid results at expositions, road conventions, State and county fairs, and, in four or five cases, on extended trips run by railroad companies to bring these models before the farmers at every station on their lines where demonstrations were made. The requests for these exhibits are so numerous and urgent as to make it desirable that funds be provided to satisfy these demands. The office is also engaged in an economic study of road problems in various parts of the country, including questions of administration, financing, traffic, and maintenance.			
For investigations of the best methods of road making and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, [\$105,000] \$166,330 (<i>same acts</i>)		166, 330. 00	
NOTE.—There is an increase in the above appropriation of \$61,330, and it is to be used for the purchase of instruments, supplies, and the employment of additional engineers, engineer students, and draftsmen. This is the largest division of the work of this office, and is accomplishing a great deal of good by giving expert advice on road construction and maintenance and in the building of object-lesson roads throughout the country, and in instructing the students of the office in highway engineering, but the present force is inadequate to meet the large and increasing demands being made upon it.			
For investigations of the chemical and physical character of road materials, [\$30,000] \$42,260 (<i>same act</i>)		42, 260. 00	
NOTE.—There is an apparent increase in the above appropriation of \$12,260, but as one laborer or messenger, at \$480, has been transferred to the statutory roll, the actual increase is \$12,740, and is to be used for the purchase of additional laboratory supplies, apparatus, machinery, traveling expenses, and salaries of additional chemists, scientific assistants, and laborers. One of the most important problems before road builders at this time is to secure precise information regarding the numerous varieties of dust preventives and road binders in order to more effectively meet the changed conditions brought about by motor traffic and the increasing need of better roads. The chemical and physical laboratories of this office are doing effective work on the standardization of methods of testing such materials, and additional assistance is needed to prosecute this work. The routine work of the laboratories is increasing, and it, together with the different lines of investigations in road materials, including cement, sand, clay, gravel, and concrete, render it advisable to provide additional facilities and equipment for carrying out these investigations.			

Estimates of appropriations required for the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
General Expenses, Office of Public Roads—Continued.		
For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations: for investigating and developing equipment intended for the preparation and application of bituminous and other binders: for the purchase of materials and equipment; for the employment of assistants and labor: for the erection of buildings: such experimental work to be confined as nearly as possible to one point during the fiscal year, [\$45,000:] \$70,000; (act Mar. 4, 1913, vol. 37, pp. 852, 853, sec. 1)	\$70,000.00	
NOTE. —There is an increase in the above appropriation of \$25,000, which is to be used for continuing the making of road tests of various materials and methods of construction, and in order to make comparative tests of and to develop road equipment. This practical experimental work is of the utmost importance in determining the relative merits of the different types of road construction, especially those types calculated to eliminate the dust nuisance and produce a dustless road. It is necessary to exercise some sort of control or supervision over the roads subsequent to the experiments that are made, in order, by continuous observations, to properly estimate the value and cost of the experiments. It is estimated that the \$25,000 additional appropriation requested will be required for the purchase of crude materials in sufficient quantity to permit of the experimental treatment of short sections of road; the purchase of equipment, such, for instance, as is required for heating, mixing, and spreading bituminous binders; and the installation of such mechanical devices as are found necessary in developing and evolving new designs for road equipment; the employment of such labor and assistance as may be necessary to make complete experimental treatment of the roads possible; and in order to correlate these field experiments with laboratory tests by making careful and complete records from day to day, including careful observations of the effect of various kinds of traffic on the sections of completed experimental roads; and in order to make exhaustive traction and other tests; including the effect of automobiles and motor trucks on roads; and for the preparation of complete and detailed progress reports to be disseminated as publications of this office.		
For general administrative expenses connected with the above-mentioned lines of investigations and experiments, [\$12,000:] \$14,000; (same act)	14,000.00	
NOTE. —There is an apparent increase in the above appropriation of \$2,000, but as one clerk, at \$1,080, has been transferred to the statutory roll, the actual increase is \$3,080, and is to be used to properly care for the normal increase in the stationery and other office supplies, telegraph, express, telephone, and office equipment, etc.		
In all, for general expenses [\$232,000], \$341,390 (increase of \$109,390)	\$341,390.00	\$232,000.00
Appropriations for 1905..... \$35,000	Estimates for 1906..... \$45,000	
Appropriations for 1906..... ¹ 37,660	Estimates for 1907..... 67,660	
Appropriations for 1907..... 57,660	Estimates for 1908..... 86,460	
Appropriations for 1908..... 57,660	Estimates for 1909..... 91,620	
Appropriations for 1909..... 75,000	Estimates for 1910..... 110,240	
Appropriations for 1910..... 100,000	Estimates for 1911..... 92,980	
Appropriations for 1911..... 92,980	Estimates for 1912..... 131,840	
Appropriations for 1912..... 126,700	Estimates for 1913..... 189,456	
Appropriations for 1913..... 165,100	Estimates for 1914..... 331,840	
Appropriations for 1914..... 232,000	Estimates for 1915..... 341,390	
¹ Beginning with 1906 salaries provided for separately on a statutory roll.		
NOTE 1. —Salaries of engineers, superintendents of road construction, student assistants, collaborators, etc., carried on the lump funds named below on Aug. 31, 1913:		
GENERAL EXPENSES, OFFICE OF PUBLIC ROADS.		
ROAD MANAGEMENT.		
In Washington:		
1 chief, economics and maintenance.....	\$2,700	
1 assistant in road management, at \$8 per diem (when actually employed).....	400	
1 highway engineer.....	1,560	
1 model maker.....	1,800	
1 lantern slide colorist.....	1,200	
Total.....	7,660	
Out of Washington:		
1 senior highway engineer.....	2,500	
1 assistant chief, economics and maintenance.....	2,500	
1 assistant in road economic investigations.....	2,040	
2 lecturers on road economics, at \$1,200 each.....	2,400	
1 draftsman.....	1,200	
1 junior highway engineer.....	960	
2 collaborators, at \$9 per diem each (when actually employed).....	180	
2 collaborators, at \$8 per diem each (when actually employed).....	160	
2 collaborators, at \$7 per diem each (when actually employed).....	140	
1 collaborator, at \$6 per diem (when actually employed).....	60	
45 collaborators, at \$5 per diem each (when actually employed).....	3,000	
1 collaborator, at \$4 per diem (when actually employed).....	40	
2 collaborators, at \$3 per diem each (when actually employed).....	60	
6 collaborators, at \$2 per diem each (when actually employed).....	120	
2 collaborators, at \$1.50 per diem each (when actually employed).....	30	
15 collaborators, at \$1 per annum each.....	15	
Total.....	15,405	
INVESTIGATING ROAD BUILDING AND MAINTENANCE.		
In Washington:		
1 chief engineer.....	3,500	
1 draftsman.....	1,400	
1 assistant director.....	3,750	
Total.....	8,650	
Out of Washington:		
7 senior highway engineers, at \$2,700 each.....	18,900	
1 chief inspector of public roads.....	2,700	
3 senior highway engineers, at \$2,500 each.....	7,500	
4 senior highway engineers, at \$2,400 each.....	9,600	
1 superintendent of road construction.....	2,400	
3 senior highway engineers, at \$2,220 each.....	6,660	
1 senior highway engineer.....	2,000	
1 highway engineer.....	1,680	
2 highway engineers, at \$1,560 each.....	3,120	
1 highway engineer.....	1,440	
3 highway engineers, at \$1,200 each.....	3,600	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>General Expenses, Office of Public Roads—Continued.</i>			
INVESTIGATING ROAD BUILDING AND MAINTENANCE—continued.			
Out of Washington—Continued.			
6 junior highway engineers, at \$960 each.....	\$5,760		
9 civil engineer students, at \$720 each.....	6,480		
1 senior highway engineer, at \$9 per diem (when actually employed).....	2,700		
1 senior highway engineer, at \$8 per diem (when actually employed).....	240		
1 superintendent of road construction, at \$7 per diem (when actually employed).....	350		
5 superintendents of road construction, at \$6 per diem each (when actually employed).....	2,000		
2 junior highway engineers, at \$4 per diem each (when actually employed).....	80		
1 superintendent of road construction, at \$5.25 per diem (when actually employed).....	1,890		
1 superintendent of road construction, at \$4.90 per diem (when actually employed).....	1,470		
Total.....	80,570		
ROAD MATERIAL.			
In Washington:			
1 chemist.....	2,500		
1 chemist, at \$8 per diem (when actually employed).....	240		
1 assistant chemist.....	1,500		
1 assistant chemist.....	1,200		
1 testing engineer.....	2,500		
1 petrographer.....	1,600		
1 laboratory assistant.....	1,600		
1 laboratory apprentice.....	1,020		
3 student assistants, at \$300 each (temporary).....	600		
1 laborer.....	480		
Total.....	13,240		
FIELD EXPERIMENTS.			
Out of Washington:			
1 mechanical engineer.....	3,000		
1 assistant mechanical engineer.....	1,500		
2 patrolmen, at \$720 each.....	1,440		
Total.....	5,940		
ADMINISTRATIVE EXPENSES.			
In Washington:			
1 clerk.....	1,050		
1 clerk.....	900		
1 messenger boy.....	480		
Total.....	2,430		
Total for Office of Public Roads, including statutory salaries (increase of \$114,990).....		\$394,390.00	\$279,400.00
And not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.			
Total, Department of Agriculture, for routine and ordinary work.....		18,322,192.00	17,376,945.00
MISCELLANEOUS.			
[And the Secretary of Agriculture is hereby authorized to continue investigations on the cost of food supplies at the farm and to the consumer, and to disseminate the results of such investigations in whatever manner he may deem best.]			
NOTE.—The above item should be omitted.			
<i>Enforcement of the Insecticide Act—</i>			
To enable the Secretary of Agriculture to carry into effect the provisions of the act of Apr. 26, 1910, entitled "An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$95,000 (<i>acts Apr. 26, 1910, vol. 36, pp. 331-335, secs. 1-14; Mar. 4, 1913, vol. 37, p. 853, sec. 1</i>).....		95,000.00	95,000.00
NOTE 1.—No change in above appropriation.			
Appropriations for 1911.....	\$35,000	Estimates for 1912.....	\$87,000
Appropriations for 1912.....	87,000	Estimates for 1913.....	100,000
Appropriations for 1913.....	87,000	Estimates for 1914.....	100,000
Appropriations for 1914.....	95,000	Estimates for 1915.....	95,000
1 Deficiency act of Mar. 4, 1911.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
Enforcement of the Insecticide Act—Continued.		
NOTE 2.—Salaries of chemists, scientific assistants, sample collectors, clerks, messengers, etc., carried on the lump fund named below on Aug. 31, 1913:		
ENFORCEMENT OF THE INSECTICIDE ACT.		
In Washington:		
1 chief of laboratory.....	\$2,760	
1 executive officer.....	2,750	
1 plant pathologist.....	2,520	
1 chief clerk.....	2,000	
1 assistant chemist.....	1,800	
3 assistant chemists, at \$1,620 each.....	4,860	
2 laboratory inspectors, at \$1,620 each.....	3,240	
7 assistant chemists, at \$1,440 each.....	10,080	
1 scientific assistant.....	1,440	
1 micro-analyst.....	1,440	
1 junior bacteriologist.....	1,400	
1 junior laboratory inspector.....	1,400	
1 clerk.....	1,200	
1 clerk.....	1,140	
3 clerks, at \$1,000 each.....	3,000	
1 clerk, at \$900 (3 months).....	225	
2 laboratory helpers, at \$720 each.....	1,440	
1 clerk, at \$900 (6 months).....	450	
3 messengers, at \$480 each.....	1,440	
1 messenger.....	360	
1 collaborating clerk, at \$25 per month.....	300	
1 charwoman.....	240	
1 special assistant toxicological investigations, at \$50 per month (3 months).....	150	
Total.....	45,635	
Out of Washington:		
1 entomological assistant.....	\$1,600	
1 inspector and sample collector.....	1,600	
1 scientific assistant.....	1,400	
2 sample collectors, at \$1,400 each.....	2,800	
1 field assistant, at \$50 per month.....	600	
1 laborer.....	480	
Total.....	8,480	
Fighting and Preventing Forest Fires in Emergency—		
For fighting and preventing forest fires in cases of extraordinary emergency, \$200,000, or so much thereof as may be necessary (<i>act Mar. 4, 1913, vol. 37, p. 853, sec. 1</i>).....	\$200,000.00	\$200,000.00
Appropriations for 1912.....	\$1,000,000	
Appropriations for 1913.....	200,000	
Appropriations for 1914.....	200,000	
Estimates for 1913.....	\$1,000,000	
Estimates for 1914.....	200,000	
Estimates for 1915.....	200,000	
NOTE.—No change in the above item.		
[To enable the Secretary of Agriculture to meet the emergency caused by the continuous spread of the chestnut-bark disease by continuing the study of the nature and habits of the parasitic fungus causing the disease, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered, \$80,000, and the Secretary of Agriculture is hereby authorized to expend said appropriation in such manner as he shall deem best, in cooperation with the authorities of the States concerned or with individuals, and to pay all necessary expenses for the employment of investigators, local and special agents, experts, assistants, and all labor and other necessary expenses, including rent, in the District of Columbia and elsewhere, as may be required: <i>Provided</i> , That of this sum not exceeding \$10,000 shall be used in the study of the relation of insects to the chestnut-bark disease.].....		80,000.00
NOTE 1.—The above item is omitted here but is included in the Bureau of Plant Industry, under forest pathology and reduced to \$40,000.		
NOTE 2.—Salaries of forest pathologists, experts, agents, entomological assistants, etc., carried on the lump fund named below on Aug. 31, 1913:		
INVESTIGATING THE CHESTNUT-TREE BARK DISEASE.		
In Washington:		
1 pathologist in charge of forest pathology, at \$3,240 (6 months).....	\$1,620	
1 plant pathologist, at \$3,000 (8 months).....	2,000	
1 pathologist, at \$2,760 (8 months).....	1,840	
1 forest pathologist.....	2,400	
1 organic chemist.....	2,400	
1 forest examiner.....	1,700	
1 scientific assistant in plant pathology.....	1,620	
1 assistant forest pathologist.....	1,500	
1 clerk, stenographer and typewriter.....	1,200	
1 scientific assistant in plant pathology, at \$1,200 (6 months).....	600	
1 scientific assistant in mycology, at \$1,200 (6 months).....	600	
1 stenographer and typewriter.....	1,000	
1 computing clerk.....	720	
2 messenger boys, at \$360 each.....	720	
1 stenographer and typewriter, at \$75 per month (4 months).....	300	
1 entomological assistant, at \$2,000 (3 months).....	500	
2 entomological assistants, at \$1,800 each (temporary).....	3,000	
1 agent and expert, at \$1,800 (3 months).....	450	
2 entomological assistants, at \$1,400 each (temporary).....	1,050	
Total.....	25,220	

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
INVESTIGATING THE CHESTNUT-TREE BARK DISEASE—continued.		
Out of Washington:		
1 agent.....	\$3,500	
1 forest pathologist.....	2,760	
1 forest pathologist.....	1,800	
1 collaborator.....	1	
2 agents, at \$135 per month each.....	3,240	
1 expert, at \$125 per month.....	1,500	
1 agent, at \$125 per month.....	1,500	
1 agent, at \$110 per month.....	1,320	
1 agent, at \$110 per month (5 months).....	550	
1 agent, at \$100 per month (3 months).....	300	
1 agent, at \$100 per month (5 months).....	500	
3 agents, at \$85 per month each.....	3,060	
1 agent, at \$85 per month (4 months).....	340	
2 agents, at \$75 per month each.....	1,800	
2 agents, at \$60 per month each.....	1,440	
1 agent, at \$60 per month (4 months).....	240	
1 agent, at \$50 per month.....	600	
1 agent, at \$50 per month (10 months).....	500	
1 agent, at \$35 per month.....	420	
1 agent, at \$35 per month (temporary).....	52	
6 collaborators, at \$25 per month each.....	1,800	
1 collaborating clerk, at \$25 per month.....	300	
1 forest assistant, at \$10 per month (4 months).....	40	
1 collaborator, at \$10 per month (4 months).....	40	
1 agent.....	1,000	
Total.....	28,603	
<i>Enforcement of the Plant Quarantine Act—</i>		
To enable the Secretary of Agriculture to carry into effect the provisions of the act of August 20, 1912, as amended March 4, 1913, entitled "An act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, [\$40,000,] \$50,000, of which sum \$10,000 shall be immediately available: <i>Provided</i> , That hereafter any class of nursery stock or of any other class of plants, fruits, vegetables, roots, bulbs, seeds, or other plant products of which the importation may be forbidden from any country or locality under the provisions of section seven of the plant quarantine act approved August 20, 1912 (37 Stat., p. 315), may be imported for experimental or scientific purposes by the Department of Agriculture upon such conditions and under such regulations as the said Secretary of Agriculture may prescribe (act Mar. 4, 1913, vol. 37, pp. 853, 854, sec. 1).....	\$50,000. 00	\$40,000. 00
Appropriations for 1914.....	\$40,000	
Estimates for 1914.....	\$50,000	
Estimates for 1915.....	50,000	
NOTE 1.—There is an increase in the above appropriation of \$10,000, and the paragraph has been amended as shown. The enforcement of the plant quarantine act is a continuing work, with only a slight probable necessary increase in the administrative cost from year to year as to the main feature, namely, the examination of nursery stock, but with a necessary and legitimate increase each year to meet the additional cost of new quarantines promulgated. For example, the three quarantines which were specifically provided for in the act have now been increased to ten, two of which supersede earlier quarantines. Of these, four are domestic, and these latter will necessarily entail additional expense to cover inspection and general enforcement.		
NOTE 2.—Salaries of inspectors, clerks, collaborators, etc., carried on the lump fund named below on August 31, 1913:		
ENFORCEMENT OF THE PLANT QUARANTINE ACT.		
In Washington:		
1 pathological inspector.....	\$2,760	
1 secretary of board.....	2,000	
1 chief inspector.....	2,000	
1 clerk.....	1,400	
1 clerk.....	1,200	
2 clerks, at \$1,020 each.....	2,040	
1 clerk.....	900	
1 messenger.....	360	
1 clerk.....	900	
Total.....	13,560	
Out of Washington:		
2 collaborators, at \$300 each.....	600	
2 collaborators, at \$240 each.....	480	
1 collaborator.....	180	
2 collaborators, at \$120 each.....	240	
30 collaborators, at \$60 each.....	1,800	
19 collaborators, at \$12 each.....	228	
16 collaborators, at \$1 each.....	16	
Total.....	3,544	
[To enable the Secretary of Agriculture to effect an exchange of lands and indemnity rights with the State of Montana, \$25,000, to be available until expended when the said State shall have appropriated a like amount to be used in cooperation with the Forest Service for the aforesaid purpose: <i>Provided</i> , That such exchanges shall be made on the basis of approximately equal area and value].....		25,000. 00
NOTE.—The amount appropriated for the fiscal year 1914 to cover the cost of effecting an exchange of lands and indemnity rights in the State of Montana is available until expended, and since no additional appropriation is necessary to complete this work the item above is omitted.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Office of Markets—</i>		
To enable the Secretary of Agriculture to acquire and to diffuse among the people of the United States useful information on subjects connected with the marketing and distribution of farm products, and for the employment of persons and means necessary in the city of Washington and elsewhere, there is hereby appropriated the sum of \$50,000 , of which sum \$10,000 shall be immediately available, § , <i>\$194,140 (act Mar. 4, 1913, vol. 37, p. 854, sec. 1)</i>	\$194, 140. 00	\$50, 000. 00
NOTE 1.—There is an increase in the above appropriation of \$144,140 for the extension of this important work, which will be devoted to the following lines of work: For cotton handling and marketing investigations (transferred from the Bureau of Plant Industry); for cooperative production and marketing investigations; for market surveys, methods, and costs; for study of market grades and standards; for city marketing and distribution investigations; for transportation and storage problems; for marketing miscellaneous products, and collaboration; and for administrative expenses. The words "Office of Markets" have been added to give the appropriation a suitable designation.		
NOTE 2.—Salaries of chief of office, assistants, collaborators, etc., carried on the lump fund named below on Aug. 31, 1913:		
MARKETING AND DISTRIBUTING FARM PRODUCTS.		
In Washington: 1 chief of office..... 1 assistant in market surveys..... 1 clerk..... 1 scientific assistant in pomology..... 2 collaborators, at \$12 each..... 2 collaborators, at \$12 each (3 months).....	\$3, 600 2, 400 1, 800 1, 620 24 6	
Total.....	9, 450	
<i>Demonstrations on Reclamation Projects—</i>		
To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary, in the city of Washington and elsewhere, \$50,000 , of which sum \$10,000 shall be immediately available	50, 000. 00
NOTE.—This is a new item, for which an increase of \$50,000 is requested. The object of this work is to aid the agricultural development of the reclamation projects; to assist, through advice and in other ways, settlers on the projects in the matter of developing their farms. It is planned that the work shall include all the different phases of farming and farm operations, such as the growing of staple crops, fruit growing, questions relating to animal husbandry, methods of marketing farm products, general subjects relating to rural organizations, etc. The demonstration work on the reclamation projects should include not only demonstration work in connection with plants, but also in connection with animal husbandry, dairying, etc.; therefore it has appeared inadvisable to include the work under any one bureau.		
[That nothing contained in the act making appropriations to provide for the expenses of the Government of the District of Columbia for the fiscal year ending June 30, 1913, and for other purposes, approved June 26, 1912, shall be so construed as to prohibit the payment from the appropriations for the Department of Agriculture of expenses incidental to the delivery of lectures, the giving of instruction, or the acquiring of information at meetings by its employees on subjects relating to the work of the department authorized by law.]		
NOTE.—The above item is omitted, as it is permanent legislation.		
[That hereafter section 7 of the act approved August 26, 1912 (37 Stat., p. 626), and any amendments thereto, shall not apply to the payment, out of moneys appropriated or which may be hereafter appropriated in lump sum for the Department of Agriculture, for personal services of employees engaged in strictly scientific or technical work: <i>Provided</i> , That nothing contained herein shall be construed to authorize the transfer of any person employed at a specific salary and the payment of compensation from lump-sum appropriations at a rate greater than said specific salary.]		
NOTE.—The above item is omitted as it is permanent legislation.		
[And hereafter every officer or employee of the Department of Agriculture whose rate of compensation is specified herein shall receive compensation at the rate so specified.]		
NOTE.—The above item is omitted as it is permanent legislation.		
[To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the International Dry Land Congress, to be held at Tulsa, Oklahoma, during the fiscal year ending June 30, 1914, illustrative of the investigations, products, and processes relating to farming in the subhumid region of the United States, including labor and all expenses in the city of Washington and elsewhere, \$20,000 , to be immediately available].....		20, 000. 00
NOTE.—The above item is omitted as all necessary action will be taken during the fiscal year 1914.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<p><i>Cooperative Fire Protection of Forested Watersheds of Navigable Streams—</i></p> <p>For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams, under the provisions of section 2 of the act of March 1, 1911, entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," [\$75,000] \$100,000; <i>Provided</i>, That any and all unused balance of the sum of \$200,000 heretofore appropriated by the act of March 1, 1911, to enable the Secretary of Agriculture to carry out the purposes mentioned in said section 2, remaining unexpended July 1, 1913, shall continue available until the end of the fiscal year 1915 for the purpose for which it was appropriated (act Mar. 4, 1913, vol. 37, p. 855, sec. 1).....</p>	\$100,000.00	\$75,000.00
<p>NOTE.—There is an increase of \$25,000 in the above item, and the proviso has been omitted. A number of additional States have requested cooperation in protecting the watersheds of navigable streams from fire, under the terms of section 2 of the act of Mar. 1, 1911. The small increase recommended is necessary to carry out the terms of such act in these States. The unexpended balance of \$200,000 carried in the proviso, which has been omitted, will be expended by the end of the current fiscal year, and the item of \$100,000 estimated for above is intended to provide for continuing the work during the fiscal year 1915.</p>		
<p>[That section 9 of the act of Mar. 1, 1911 (36 Stat., p. 961), entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," be amended to read as follows:</p> <p>"That such acquisition by the United States shall in no case be defeated because of located or defined rights of way, easements, and reservations, which, from their nature will, in the opinion of the National Forest Reservation Commission and the Secretary of Agriculture, in no manner interfere with the use of the lands so encumbered, for the purposes of the act: <i>Provided</i>, That such rights of way, easements, and reservations retained by the owner from whom the United States receives title, shall be subject to the rules and regulations prescribed by the Secretary of Agriculture for their occupation, use, operation, protection, and administration, and that such rules and regulations shall be expressed in and made part of the written instrument conveying title to the lands to the United States; and the use, occupation, and operation of such rights of way, easements, and reservations shall be under, subject to, and in obedience with the rules and regulations so expressed."]</p>		
<p>NOTE.—The item above is omitted as it is now permanent legislation.</p>		
<p>That section 13 of the act, entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," approved Mar. 1, 1911 (36 Stat. L., p. 963), is hereby amended by striking out the word "five" in the first line of said section, and inserting in lieu thereof the word "twenty-five," the purpose of this amendment being to increase the percentage payable to each State from moneys received, as provided in said section, from 5 to 25 per centum.</p>		
<p>NOTE.—The present allowance of 5 per cent of the gross receipts to the States and counties containing national forests acquired for the protection of the watersheds of navigable streams, under the terms of the act of Mar. 1, 1911, in lieu of the loss from the removal of these areas from taxation, has been found wholly inadequate to compensate the States and counties for loss of revenue. Twenty-five per cent of the gross receipts will be a much more equitable adjustment, in accordance with the principle established by former legislation that local governments should be compensated for loss in taxes due to the creation of national forests. It is furthermore deemed equitable to place States and counties in the East on the same footing in this respect as those containing national forests in the West, which now receive 25 per cent of the gross receipts.</p>		
<p>[That the President of the United States shall appoint a commission composed of not more than seven persons, who shall serve without compensation, to cooperate with the American commission assembled under the auspices of the Southern Commercial Congress, to investigate and study in European countries cooperative land-mortgage banks, cooperative rural-credit unions, and similar organizations and institutions devoting their attention to the promotion of agriculture and the betterment of rural conditions, and for the purpose of its investigations the commission shall be authorized to incur and have paid upon the certificate of its chairman such expenses in the city of Washington and elsewhere for the payment of the salaries of employees, clerks, stenographers, assistants, and such other necessary expenses as the commission may deem necessary: <i>Provided</i>, That the total expenses incurred for all purposes shall not exceed the sum of \$25,000, and the said commission shall submit a report to Congress as early as practicable, embodying the results of its investigations and such recommendations as it may see fit to make].....</p>		25,000.00
<p>NOTE.—The above item is omitted.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.
<p><i>Experiments and Demonstrations in Live-Stock Production in the Cane-Sugar and Cotton Districts of the United States—</i></p> <p><i>To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, including the erection of such temporary farm buildings as may be found necessary, and for the employment of persons and means necessary in the city of Washington and elsewhere, \$50,000, and the Secretary of Agriculture is authorized so sell in the open market or to exchange for other live-stock or farm products to the best advantage, without the usual condemnation proceedings and public auction, such live-stock or farm products as cease to be needed; Provided, That all moneys received from the sale of such live-stock or farm products, or as a bonus in the exchange of the same, shall be deposited in the Treasury as miscellaneous receipts.</i></p> <p><i>That hereafter the maximum salary of any scientific investigator, or other employee engaged in scientific work and paid from the general appropriations of the Department of Agriculture, shall not exceed \$4,500 per annum.</i></p> <p><i>NOTE.—The above provision is submitted as it is believed it would be in the interest of the government to raise the limit of salary of scientists employed in this department from \$4,000 per annum, now fixed by law (36 Stat., p. 440), to \$4,500 per annum, the latter salary to be given only to those few scientists who distinguish themselves in the department by extraordinary scientific work. The department has already lost very many of its most valuable men, and will continue to lose them, unless the present legal limitation is increased as recommended.</i></p> <p><i>The Secretary of Agriculture is hereby authorized and directed to prepare a plan for reorganizing, redirecting, and systematizing the work of the Department of Agriculture as the interests of economical and efficient administration may require; such plan shall be submitted to Congress in the book of estimates for the fiscal year 1916; and the estimates of expenses of the Department of Agriculture for the fiscal year 1916 shall be prepared and submitted in accordance therewith.</i></p> <p><i>NOTE.—It is believed that increased efficiency and economy can be secured through the reorganization and redirection of the work in the department. Under the existing organization there is some duplication of effort, and it has been found difficult to effect close coordination of related lines of work. The proposed reorganization will be in the direction of eliminating the possibility of duplication and overlapping and the bringing about of closer relationships between the various activities of the department.</i></p>	<p align="center">\$50,000.00</p>	
Total salaries, including Weather Bureau, Department of Agriculture.....	4,730,290.00	\$4,601,350.00
Total general expenses, Department of Agriculture.....	14,331,042.00	13,385,595.00
Grand total, Department of Agriculture (increase of \$1,074,387).....	19,061,332.00	17,986,945.00
<p>Total appropriations included in the Agricultural appropriation act:</p> <p>For the fiscal year 1905..... \$5,902,040</p> <p>For the fiscal year 1906..... 6,882,690</p> <p>For the fiscal year 1907..... 9,932,940</p> <p>For the fiscal year 1908..... 9,447,290</p> <p>For the fiscal year 1909..... 11,672,106</p> <p>For the fiscal year 1910..... 12,995,036</p> <p>For the fiscal year 1911..... 13,487,636</p> <p>For the fiscal year 1912..... 16,900,016</p> <p>For the fiscal year 1913..... 16,651,496</p> <p>For the fiscal year 1914..... 17,986,945</p>	<p>Total amount submitted in printed estimates for inclusion in the Agricultural appropriation bill:</p> <p>For the fiscal year 1906..... \$6,419,810</p> <p>For the fiscal year 1907..... 7,626,210</p> <p>For the fiscal year 1908..... 7,954,680</p> <p>For the fiscal year 1909..... 10,666,351</p> <p>For the fiscal year 1910..... 14,610,626</p> <p>For the fiscal year 1911..... 13,377,136</p> <p>For the fiscal year 1912..... 15,997,066</p> <p>For the fiscal year 1913..... 17,233,452</p> <p>For the fiscal year 1914..... 18,287,230</p> <p>For the fiscal year 1915..... 19,061,332</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	Amount appropriated for the fiscal year ending June 30, 1913.
PERMANENT ANNUAL APPROPRIATIONS.			
<i>Meat Inspection, Bureau of Animal Industry—</i> That there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$3,000,000, for the expenses of the inspection of cattle, sheep, swine, and goats, and the meat and meat-food products thereof which enter into interstate or foreign commerce, and for all expenses necessary to carry into effect the provisions of this act relating to meat inspection, including rent and the employment of labor in Washington and elsewhere, for each year. And the Secretary of Agriculture shall, in his annual estimates made to Congress, submit a statement in detail, showing the number of persons employed in such inspections and the salary or per diem paid to each, together with the contingent expenses of such inspectors and where they have been and are employed (<i>act June 30, 1906, vol. 34, pp. 674-679, secs. 1-22</i>).....	\$3,000,000.00	\$3,000,000.00	\$2,933,844.68
NOTE.—The detailed statement required by the law will be submitted to Congress in a separate communication.			
<i>Refund to Depositors Excess of Deposits, National Forests Fund—</i> That all money received after July 1, 1907, by or on account of the Forest Service for timber, or from any other source of forest-reservation revenue, shall be covered into the Treasury of the United States as a miscellaneous receipt; and there is hereby appropriated and made available as the Secretary of Agriculture may direct, out of any funds in the Treasury not otherwise appropriated, so much as may be necessary to make refunds to depositors of money heretofore or hereafter deposited by them to secure the purchase price on the sale of any products or for the use of any land or resources of the national forests in excess of amounts found actually due from them to the United States. That so much of an act entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved Mar. 4, 1907 (34 Stat. L., pp. 1256, 1270), which provides for refunds by the Secretary of Agriculture to depositors of moneys to secure the purchase price of timber or the use of lands or resources of the national forests such sums as may be found to be in excess of the amounts found actually due the United States, be, and is hereby, amended hereafter to appropriate and to include so much as may be necessary to refund or pay over to the rightful claimants such sums as may be found by the Secretary of Agriculture to have been erroneously collected for the use of any lands, or for timber or other resources sold from lands located within, but not a part of, the national forests, or for alleged illegal acts done upon such lands, which acts are subsequently found to have been proper and legal; and the Secretary of Agriculture shall make annual report to Congress of the amounts refunded hereunder (<i>acts Mar. 4, 1907, vol. 34, pp. 1256, 1270, sec. 1; Mar. 4, 1911, vol. 36, p. 1253, sec. 1</i>).....	60,000.00	60,000.00	75,652.72
<i>Acquisition of Lands for Protection of Watersheds of Navigable Streams—</i> That there is hereby appropriated, for the fiscal year ending June 30, 1910, the sum of \$1,000,000, and for each fiscal year thereafter a sum not to exceed \$2,000,000 for use in the examination, survey, and acquirement of lands located on the headwaters of navigable streams or those which are being or which may be developed for navigable purposes: <i>Provided</i> , That the provisions of this section shall expire by limitation on the 30th day of June, 1915 (<i>act Mar. 1, 1911, vol. 36, p. 961, sec. 3</i>).....	2,000,000.00	2,000,000.00	897,245.99
<i>National Forest Reservation Commission—</i> That a sum sufficient to pay the necessary expenses of the commission and its members, not to exceed an annual expenditure of \$25,000, is hereby appropriated out of any money in the Treasury not otherwise appropriated. Said appropriation shall be immediately available and shall be paid out on the audit and order of the president of the said commission, which audit and order shall be conclusive and binding upon all departments as to the correctness of the accounts of said commission (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 14</i>).....	25,000.00	25,000.00
SPECIAL FUNDS.			
<i>Payment to States and Territories from the National Forests Fund—</i> That hereafter 25 per cent of all money received from each forest reserve during any fiscal year, including the year ending June 30, 1908, shall be paid at the end thereof by the Secretary of the Treasury to the State or Territory in which said reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated: <i>Provided</i> , That when any forest reserve is in more than one State or Territory or county the distributive share to each from the proceeds of said reserve shall be proportional to its area therein (<i>acts Mar. 4, 1907, vol. 34, p. 1270, sec. 1; May 23, 1908, vol. 35, p. 260, sec. 1</i>).....	600,000.00	586,593.39	506,603.58
<i>Roads and Trails for States, National Forests Fund—</i> That hereafter an additional 10 per cent of all moneys received from the national forests during each fiscal year shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part (<i>act Mar. 4, 1913, vol. 37, p. 843, sec. 1</i>).....	240,000.00	234,638.68	153,524.49

Estimates of appropriations required for the service of the fiscal year ending June 30, 1915—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1914.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Payment to States from Receipts from Lands Acquired for Protection of Watersheds of Navigable Streams—</i>			
That 5 per cent of all moneys received during any fiscal year from each national forest into which the lands acquired under this act may from time to time be divided shall be paid, at the end of such year, by the Secretary of the Treasury to the State in which such national forest is situated, to be expended as the State legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which such national forest is situated: <i>Provided</i> , That when any national forest is in more than one State or county the distributive share to each from the proceeds of such forest shall be proportional to its area therein: <i>Provided further</i> , That there shall not be paid to any State for any county an amount equal to more than 40 per cent of the total income of such county from all other sources (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 13</i>).....	\$1,000.00	\$1,000.00
<i>Cooperative Work, Forest Investigations—</i>			
Hereafter all moneys received as contributions toward cooperative work in forest investigations shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations by the Forest Service and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations (<i>acts Mar. 3, 1905, vol. 33, p. 1070, sec. 1; June 30, 1906, vol. 34, p. 684, sec. 1</i>).....	10,000.00	10,000.00	\$1,962.83
<i>Proceeds, Sale of Timber from Indian Lands, Uintah National Forest—</i>			
Indefinite appropriation of the proceeds from the sale of timber on Uintah National Forest: such sums as may be appropriated being available for transfer from this special fund to the Indian trust fund "Proceeds of Uintah and White River Ute lands," upon rendition from time to time of auditor's certificates of settlement calling for transfer (<i>act Mar. 3, 1905, vol. 33, p. 1070, sec. 1</i>).....			
<i>Agricultural Experiment Stations, Receipts from Sales—</i>			
Receipts from sales of products, Alaska (<i>act June 3, 1902, vol. 32, p. 302, sec. 1</i>).....	13,200.00	10,100.00	8,775.71
Receipts from sales of products, Hawaii (<i>same act</i>).....			
Receipts from sales of products, Porto Rico (<i>same act</i>).....			
Receipts from sales of products, Guam (<i>act May 23, 1908, vol. 35, p. 266, sec. 1</i>).....			
<i>Payments to School Funds, Arizona and New Mexico, National Forests Fund—</i>			
At the close of each fiscal year there shall be paid by the Secretary of the Treasury to the State, as income for its common-school fund, such proportion of the gross proceeds of all the national forests within said State as the area of lands hereby granted to said State for school purposes which are situated within said forest reserves, whether surveyed or unsurveyed, and for which no indemnity has been selected, may bear to the total area of all the national forests within said State (<i>act June 20, 1910, vol. 36, p. 557, sec. 1</i>).....	50,000.00	45,547.30	36,087.75
Total Permanent and Indefinite under Department of Agriculture.....	5,999,200.00	5,972,879.37	4,613,697.75
PRINTING AND BINDING.			
[Carried in sundry civil act.]			
For the Department of Agriculture, including scientific and technical papers setting forth the results of work conducted under the act of Mar. 2, 1887 (24 Stat. L., p. 440), and the act of Mar. 16, 1906 (34 Stat. L., p. 63), which may be approved by the Secretary of Agriculture, and also including not to exceed \$137,500 for Farmers' Bulletins, which may be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by Senators, Representatives, and Delegates in Congress, as they shall direct.....	515,000.00
NOTE.—An increase of \$25,000 is submitted and urgently recommended. Last year the publication work of the department was seriously interrupted on account of insufficient funds. Sixty-two manuscripts could not be published and other important work could not be ordered, with the result that the people were deprived of information acquired by law for their use. The language in the above item for the current year specifically setting aside \$47,000 for the Weather Bureau has been omitted, as it is believed to be unnecessary. The printing for the Weather Bureau will be paid for out of the general fund of the department the same as the printing for all of its other branches.			

Total appropriations from all sources for the Department of Agriculture, including permanent annual appropriations, deficiency acts, special acts, and printing and binding under sundry civil acts:

For the fiscal year—

1905.....	\$7,109,682.62
1906.....	8,837,909.96
1907.....	13,079,523.98
1908.....	13,037,802.62
1909.....	16,153,534.74
1910.....	17,115,410.35
1911.....	20,888,449.28
1912.....	22,402,301.11
1913.....	25,177,164.68
1914.....	24,449,824.37

